

SPECIFICATIONS FOR THE ENGINEERING PROJECT COMPETITION WITH JURY INVOLVEMENT TO SELECT UP TO TWO PROPOSALS FOR EARTH OBSERVATION SATELLITE PAYLOAD DEVELOPMENT PROJECTS

PROCESSING: STANDARD
AWARD PROCEDURE: OPEN
ELECTRONIC TENDER

SUMMARY TABLE OF CHARACTERISTICS OF THE COMPETITION

File Number IEEC/174/2024

A. PURPOSE: This engineering project competition with jury involvement aims to select up to two (2) proposals for **developing payloads for Earth observation satellites targeted at the private sector**.

To participate in this competition, proposals for Earth observation satellite payload development projects must meet the following requirements:

- A. Alignment with the theme of ESA Phi-Lab NET Spain: Space technology for climate resilience. More information on ESA Phi-Lab NET Spain can be found in Appendix 1. Participants must specify which challenge their proposal addresses.
- B. A focus on commercialisation, with the project achieving a maturity level of $TRL \geq 6$ upon completion and demonstrating a viable business model at the end. The bidder must commit to attaining a technology readiness level (TRL) of $TRL \geq 6$ by the project's end.
- C. At the time of proposal submission, the bidder must have a technical office in Catalonia to facilitate project oversight. Accordingly, when submitting the bid, documentation must be provided proving possession of a technical office within the specified maximum radius (200 km).

The requirement for the technical office to be located in the designated territory (Catalonia) is essential for the following reasons:

The Government of the Generalitat, via a Government Agreement dated 27 October 2020, approved the Catalonia NewSpace Strategy to develop a multisectoral, cross-cutting plan centred on the needs of public administration and its impact on space-related matters for individuals.

The IEEC, through its Area for the Promotion of the Space Sector in Catalonia (APEC), alongside the i2Cat Foundation and the ICGC, is among the entities tasked with promoting and implementing various activities outlined in the strategy. These include initiatives related to:

- Fostering and building a competitive ecosystem in Catalonia's space sector.
- Advancing the sustainable and economic growth of the NewSpace industry in Catalonia.



- Positioning Catalonia as a leading force in NewSpace and related technologies.
- Attracting, retaining, and developing specialised talent in NewSpace-related technologies within Catalonia.
- Creating workspaces, innovation centres, and collaborative environments focused on NewSpace and its services.
- Positioning Catalonia as a benchmark hub for generating and transferring NewSpace-related value and knowledge to diverse sectors of the Catalan economy and society.
- Forging collaborative bridges with other regions and prominent space management entities that share strategic interests NewSpace.

As outlined, the space strategy, approved and driven by the Government of the Generalitat, seeks to promote the growth of the space sector in Catalonia by conducting space-related activities within this territory.

As an implementing entity for the space strategy, the IEEC is responsible for cultivating a robust ecosystem and infrastructure in the space domain across Catalan territory. To fulfil this mandate, the IEEC deems it necessary that a technical office be established in Catalonia for the execution of the present contract. Additionally, ensuring the contract's proper implementation requires conditions that enable the IEEC to exercise its inspection, monitoring, and validation responsibilities. In this sense, throughout the development of the contract, the personnel responsible for the IEEC must be able to carry out the activities associated with this supervision of the contract in the most seamless, efficient, and effective manner possible—often through in-person activities.

- A. The bidder must be a private company, though partnerships with other companies, research institutions, or public entities are permitted.
- B. The objectives must be achievable within a maximum of 27 months from the contract signing (T0).
- C. Inclusion of authorisation for the IEEC and the Generalitat of Catalonia to disseminate the results, with the company's involvement.
- D. The proposed payload provider must commit to developing at least a functional model by project completion, in line with the Engineering Model definition in the ECSS-S-ST-00-01C standard.

The jury will exclude from the competition any companies submitting proposals that fail to meet these eligibility criteria.

Winning projects will be featured in the ESA Phi-Lab NET Spain portfolio, where they will be showcased as services, projects, or solutions, including details about the developer company to foster contact, collaboration, and potential contracts.

As part of the subsequent negotiated procedure without publicity, conducted with the competition winners, the winners will be required to submit a document detailing communication actions for the payload development results. This dissemination plan must be validated by the IEEC and the Generalitat of Catalonia. It should detail the dissemination activities to be carried out in the 3 months following the project's completion.

B. TENDER BUDGET: Pursuant to Article 100 of the LCSP, the base tender budget is **€21,780.00** including VAT, broken down as follows: €18,000.00 net and €3,780.00 for Value Added Tax at 21%.



This is based on:

- Project 1. Prize for the first winning proposal: €9,000.00, excluding VAT.
- Project 2. Prize for the second winning proposal: €9,000.00, excluding VAT.

C. ESTIMATED CONTRACT VALUE: EUR 901,000.00 (excluding VAT), see clause 2 of these specifications (*), broken down as follows:

C.1 Project competition

Works	Bidding Amount
First prize (1): Project 1 (drafting of Technical Report)	€9,000.00, excluding VAT
Second prize (2): Project 2 (drafting of Technical Report)	€9,000.00, excluding VAT

C.2 Project 1 (to be processed via negotiated procedure without publicity)

Design Validation Implementation	Amount to be finalised in the negotiated procedure without publicity, not exceeding €441,500.00 excluding VAT in total.
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C.3 Project 2 (to be processed via negotiated procedure without publicity)

Design Validation Implementation	Amount to be finalised in the negotiated procedure without publicity, not exceeding €441,500.00 excluding VAT in total.
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(*) In accordance with Article 168(d) of the LCSP, the Procurement Body may award the services outlined in points C.2, and C.3 of the above summary to the competition winners via a Negotiated Procedure without publicity. Should this negotiated procedure be pursued, the two selected winners will be invited to negotiate. The maximum duration for exercising these options is 2 years from the resolution of this procedure. This possibility does not confer any rights to the competition winners.

D. AWARD PROCEDURE:

This is a project competition pursuant to Articles 183 to 187 of the LCSP (Public Sector Contracts Act).

An open award procedure is called, structured as a project competition in accordance with Article 183(2)(b) of the LCSP, which covers project competitions with prizes and subsequent awards to winners via a negotiated procedure for contracts involving design, validation, and implementation of the projects, as stipulated in Article 168(d) of the same legislation.

E. TERM OF THE SUBSEQUENT SERVICES CONTRACT:

The timeframe for conducting the design, integration, validation, implementation, and dissemination of the contracted payload development will be detailed, as applicable, in the subsequent negotiated contracting procedure. The maximum duration cannot exceed 27 months from the contract signing



(T0), allocated as follows: 24 months for project execution (encompassing design, integration, validation, and implementation of the pre-validated communication actions plan by the IEEC), plus an additional 3 months post-execution dedicated to disseminating the final results.

F. CONTRACT EXTENSION: The contract extension is not applicable.

G. PROVISIONAL GUARANTEE: Not applicable.

H. DEFINITIVE GUARANTEE: It is not applicable, given the nature of the project competition.

I. WARRANTY PERIOD: 2 years to resolve any doubts and/or queries resulting from the technical report.

J. ADMISSIBILITY OF VARIANTS AND IMPROVEMENTS: Variants: not admitted.

K. REVISION OF PRICES: No.

L CAPACITY AND SOLVENCY: See clause 6 of the Specifications.

M. PRESENTATION OF PROPOSALS:

In this tender, electronic, computer or telematic means must be used for all phases of the procurement procedure, including those corresponding to the bidding companies, among others, the submission of bids. Tenders that are not submitted electronically, in the manner determined in clauses 7 and 8 of these specifications, will be excluded.

As per clause 7 of these specifications, **the document containing the technical proposal (envelope B) for evaluation by the Jury must be submitted anonymously with a slogan. The title or content must not include any information, data, or image that could reveal the identity of the document's author or the company submitting it.** The anonymity of the proposal must be maintained until the jury delivers its verdict, in line with article 187.6 of the Public Sector Contracts Act (LCSP).

Tenders will be submitted exclusively through the Generalitat of Catalonia's electronic public procurement platform (hereinafter, PSCP):

https://contractaciopublica.gencat.cat/ecofin_pscp/AppJava/search.pscp?reqCode=start&set-locale=ca_ES

Proposals submitted by any other means will be rejected.

Date: Bids must be submitted no later than **19 December 2025 at 2:00 p.m.**

N. OPENING OF TENDERS:

Given that proposals are to be submitted via the PSCP digital envelope application, which records the exact moment of opening, and to uphold anonymity, the proposals will be opened by technicians from the IEEC Legal Area. and the document containing each technical proposal, submitted



anonymously with a slogan, will then be forwarded to the Jury for evaluation based on the specified criteria, ensuring the anonymity of the proposals until the Jury issues its opinion.

The Legal Area will generate minutes documenting the opening, noting each participant's SLOGAN, the title of the proposal/project, and submission date, which will be published on the IEEC Procurement Profile.

O. CONSULTATIONS DURING THE PERIOD FOR SUBMISSION OF PROPOSALS:

Interested parties may request additional information on the specifications and complementary documentation up to 5 calendar days before the deadline for submission of proposals. No information will be provided after this date.

Consultations can be made through the tool provided on the electronic public procurement platform of the Generalitat of Catalonia:

https://contractaciopublica.gencat.cat/ecofin_pscp/AppJava/search.pscp?reqCode=start&set-locale=ca_ES

The responses issued regarding clarifications of the specifications and other documentation regulating the tender will be published in aggregate form without identifying the issuer of the consultation in the procurement profile. These responses will be binding.

P ADVERTISING EXPENSES: Not applicable.



SPECIFICATIONS FOR THE ENGINEERING PROJECT COMPETITION WITH JURY INVOLVEMENT TO SELECT UP TO TWO PROPOSALS FOR EARTH OBSERVATION SATELLITE PAYLOAD DEVELOPMENT PROJECTS

CLAUSE 1. PURPOSE

This engineering project competition with jury involvement aims to select up to two (2) proposals for **developing payloads for Earth observation satellites targeted at the private sector**.

To participate in this competition, proposals for Earth observation satellite payload development projects must meet the following requirements:

- A. Alignment with the theme of ESA Phi-Lab NET Spain: Space technology for climate resilience. More information on ESA Phi-Lab NET Spain can be found in Appendix 1. Participants must specify which challenge their proposal addresses.
- B. A focus on commercialisation, with the project achieving a maturity level of TRL ≥ 6 upon completion and demonstrating a viable business model at the end. The bidder must commit to attaining a technology readiness level (TRL) of TRL ≥ 6 by the project's end.
- C. At the time of proposal submission, the bidder must have a technical office in Catalonia to facilitate project oversight. Accordingly, when submitting the bid, documentation must be provided proving possession of a technical office within the specified maximum radius¹.

The requirement for the technical office to be located in the designated territory (Catalonia) is essential for the following reasons:

The Government of the Generalitat, via a Government Agreement dated 27 October 2020, approved a space strategy to develop a multisectoral, cross-cutting plan centred on the needs of public administration and its impact on space-related matters for individuals.

The IEEC, through its Area for the Promotion of the Space Sector in Catalonia (APEC), alongside the i2Cat Foundation and the ICGC, is among the entities tasked with promoting and implementing various activities outlined in the strategy. These include initiatives related to:

- Fostering and building a competitive ecosystem in Catalonia's space sector.
- Advancing the sustainable and economic growth of the space industry in Catalonia.
- Establishing Catalonia as a leading force in space technologies and solutions across Europe.
- Attracting, retaining, and developing specialised talent in space-related technologies within Catalonia.
- Creating workspaces, innovation centres, and collaborative environments focused on space and its services.
- Positioning Catalonia as a benchmark hub for generating and transferring space-related

¹ 200 km



value and knowledge to diverse sectors of the Catalan economy and society.

- Forging collaborative bridges with other regions and prominent space management entities that share strategic interests in space.

As outlined, the space strategy, approved and driven by the Government of the Generalitat, seeks to promote the growth of the space sector in Catalonia by conducting space-related activities within this territory.

As an implementing entity for the space strategy, the IEEC is responsible for cultivating a robust ecosystem and infrastructure in the space domain across Catalan territory. To fulfil this mandate, the IEEC deems it necessary that a technical office be established in Catalonia for the execution of the present contract. Additionally, ensuring the contract's proper implementation requires conditions that enable the IEEC to exercise its inspection, monitoring, and validation responsibilities. In this sense, throughout the development of the contract, the personnel responsible for the IEEC must be able to carry out the activities associated with this supervision of the contract in the most seamless, efficient, and effective manner possible—often through in-person activities.

- D. The bidder must be a private company, though partnerships with other companies, research institutions, or public entities are permitted.
- E. The objectives must be achievable within a maximum of 27 months from the contract signing (T0).
- F. Inclusion of authorisation for the IEEC and the Generalitat of Catalonia to disseminate the results, with the company's involvement.
- G. The proposed payload provider must commit to developing at least a functional model by project completion, in line with the Engineering Model definition in the ECSS-S-ST-00-01C standard.

The jury will exclude from the competition any companies submitting proposals that fail to meet these eligibility criteria.

Winning projects will be featured in the ESA Phi-Lab NET Spain portfolio, where they will be showcased as services, projects, or solutions, including details about the developer company to foster contact, collaboration, and potential contracts.

As part of the subsequent negotiated procedure without publicity, conducted with the competition winners, the winners will be required to submit a document detailing communication actions for the payload development results. This dissemination plan must be validated by the IEEC and the Generalitat of Catalonia. It should detail the dissemination activities to be carried out in the 3 months following the project's completion.

CLAUSE 2. LEGAL REGIME OF THE CONTRACT

These Specifications for the competition and its Appendices will be contractual in nature.



Submission of bids implies the bidding company's unconditional acceptance of the entire specification documents without exception.

The preparation and award of the contract subject to this tender is subject to the legal regime of the Public Sector Contracts Act (LCSP) 9/2017, of 8 November.

With regard to the effects and termination of the contract of this tender, it is subject to private law, in accordance with the provisions of Article 26 of the Public Sector Contracts Act (LCSP). However, the provisions of Articles 201 on obligations in environmental, social or labour matters; 202 on special conditions of execution; 203 to 205 on cases of modification of the contract; 214 to 217 on assignment and subcontracting; as well as the payment conditions established in sections 4 of Article 210 will be applicable.

Pursuant to Article 27.1 of the LCSP, the contentious-administrative jurisdiction shall have the authority to adjudicate disputes arising between the parties regarding the contract's preparation, award, and modification phases. This authority applies when challenges to the contract modification are grounded in non-compliance with the provisions outlined in Articles 204 and 205 of the LCSP, and it is deemed that this modification should have undergone a new contract award process.

The civil jurisdiction will be competent to resolve the controversies that arise in relation to the effects, performance and termination of the contract, in accordance with the provisions of Article 27.2 of the LCSP.

The procurement will be processed in an ordinary manner as an open call, structured as a project competition according to section 2.b) of article 183 of the LCSP, which pertains to competitions with participation prizes or payments for the winners of the two projects. Following this, service contracts for the design, integration, validation, implementation and dissemination services of each project (2) will be awarded to the winners. The anonymity of the technical proposal will be maintained until the jury delivers its verdict, in line with article 187.6 of the LCSP (see clause seven of these specifications).

Pursuant to Article 190 of the LCSP, the Directors of the Management Area / Manager of the Institute of Space Studies of Catalonia (hereinafter, IEEC), acting jointly and in accordance with the powers conferred by the deed of appointment as director, grant of power of attorney, and revocation of power of attorney dated 18 September 2025, executed before the Notary of Barcelona, Mr Jaime Agustín Justibó, under protocol number 1775, shall have the authority to interpret the contract, resolve any doubts arising from its performance, modify it for reasons of public interest, and agree to its termination and the resulting effects.

CLAUSE 3. TENDER BUDGET AND ESTIMATED CONTRACT VALUE

1. Tender budget:

Pursuant to Article 100 of the LCSP, the base tender budget is **€21,780.00** including VAT, broken down as follows: €18,000.00 net and €3,780.00 for Value Added Tax at 21%. This is based on:

- Project 1. Prize for the first winning proposal: €9,000.00, excluding VAT.
- Project 2. Prize for the second winning proposal: €9,000.00, excluding VAT.

It is affirmed that the IEEC possesses adequate budgetary funds to fulfil the financial commitments related to the Tender Budget, which the procurement entity incurs from the execution of the contract described in these Specifications, up until its completion.



2. The estimated value of the contract² is EUR 901,000.00 not including Value Added Tax (VAT), broken down as follows:

C.1 Project competition

Works	Bidding Amount
First prize (1): Project 1 (drafting of Technical Report)	€9,000.00, excluding VAT
Second prize (2): Project 2 (drafting of Technical Report)	€9,000.00, excluding VAT

C.2 Project 1 (to be processed via negotiated procedure without publicity)

Design Validation Implementation	Amount to be finalised in the negotiated procedure without publicity, not exceeding €441,500.00 excluding VAT in total.

C.3 Project 2 (to be processed via negotiated procedure without publicity)

Design Validation Implementation	Amount to be finalised in the negotiated procedure without publicity, not exceeding €441,500.00 excluding VAT in total.

The successful bidder will be eligible to receive payments for the work that has been genuinely completed, as stipulated in the relevant contract.

The aforementioned works C.2 and C.3, stemming from a future service contract to be awarded via a negotiated procedure without public notice, do not automatically confer the right to the winner to secure these services. Instead, they represent options that the procurement body may choose to exercise, contingent upon being tasked with the specific action.

In order to establish the exact cost of services that might be contracted later, and considering the lack of comprehensive data on the action, the maximum price for each service and concept will be determined by applying standard IEEC criteria intended for this action. These prices will be subject to negotiation in the relevant procurement process, if it occurs.

The IEEC retains the right to incorporate additional elements or make specific adjustments to the scope of the winning proposal.

² In accordance with Article 168(d) of the LCSP, the Procurement Body may award the services outlined in points C.1, C.2, and C.3 of the above summary to the competition winners via a Negotiated Procedure without publicity. Should this negotiated procedure be pursued, the two selected winners will be invited to negotiate. The maximum timeframe for exercising these options is 2 years from the resolution of the current procedure. This possibility does not confer any rights to the competition winners.



CLAUSE 4. MAXIMUM DURATION FOR EXECUTION OF THE SERVICES CONTRACT TO BE PROCESSED SUBSEQUENTLY BY NEGOTIATED PROCEDURE WITHOUT PUBLIC NOTICE.

The timeframe for conducting the design, integration, validation, implementation, and dissemination of the contracted payload development will be detailed, as applicable, in the subsequent negotiated contracting procedure. The maximum duration cannot exceed 27 months from the contract signing (T0), allocated as follows: 24 months for project execution (encompassing design, integration, validation, and implementation of the pre-validated communication actions plan by the IEEC), plus an additional 3 months post-execution dedicated to disseminating the final results.

The contract extension is not applicable.

CLAUSE 5. PROCUREMENT BODY. PROCUREMENT PROFILE. PROCUREMENT FILE AND AWARD PROCEDURE. PROCESSING BY ELECTRONIC MEANS. CONTRACT MANAGER

1. The procurement body comprises the Directors of the Management Area/Manager of the Institute of Space Studies of Catalonia jointly.
2. The IEEC's procurement profile is hosted on the electronic public procurement platform of the Generalitat of Catalonia:
https://contractaciopublica.gencat.cat/ecofin_pscp/AppJava/search.pscp?reqCode=start&set-locale=ca_ES
3. The procurement file will be subject to standard processing and will be processed exclusively by electronic means.
4. This process will proceed as a project competition in compliance with article 183 and subsequent articles of the LCSP and the stipulations of these Specifications.

Any subsequent works (service contracts) may be awarded through a negotiated procedure without public notice, as outlined in article 168.d) of the LCSP and detailed in clause 2.3 of these Specifications.

Mr. Josep Colomé Ferrer, Director of the Area for the Promotion of the Space Sector of Catalonia at the IEEC, has been designated as the contract manager. He will oversee the execution of the contract, make necessary decisions, and provide instructions to ensure the proper delivery of the agreed-upon services, within his delegated authority.

CLAUSE 6. PUBLICATION OF THE PROCEDURE. CONSULTATIONS DURING THE PERIOD FOR SUBMISSION OF PROPOSALS

1. The tender will be published in the IEEC's Procurement Profile through the Public Procurement Platform of the Generalitat of Catalonia
(https://contractaciopublica.gencat.cat/ecofin_pscp/AppJava/search.pscp?reqCode=start&set-locale=ca_ES) at least 35 calendar days before the last day for receipt of proposals.
2. Consultations during the period for submission of proposals.

Interested parties may request additional information on the specifications and complementary documentation up to 5 calendar days before the deadline for submission of proposals. No information will be provided after this date.

Consultations can be made through the tool provided on the Public Procurement Platform of the



Generalitat of Catalonia:

https://contractaciopublica.gencat.cat/ecofin_pscp/AppJava/search.pscp?reqCode=start&set-locale=ca_ES.

The responses issued regarding clarifications of the specifications and other documentation regulating the tender will be published in aggregate form without identifying the issuer of the consultation in the [procurement profile](#). These responses will be binding.

CLAUSE 7. REQUIREMENTS FOR BIDDERS' CAPACITY, APTITUDE, AND SOLVENCY

1. Bidding companies, whether natural or legal persons, Spanish or foreign, must possess full legal capacity to act and cannot be subject to any incapacity or prohibition to contract as determined by current legislation, all in accordance with the provisions of articles 65 and 71 of the LCSP.

Pursuant to the provisions of Articles 65 and 66 of the LCSP, the activity of the bidding companies that are legal persons must be related to the object of the service contract, according to their respective statutes or founding rules.

2. Bidding companies must have an organisational structure with adequate resources to fulfil the obligations of the contract. Additionally, they must possess any necessary business or professional authorisations required for the performance of the contract's activities or services. Bidders, contractors, subcontractors, subsidiaries, or interposed companies involved in this contract are prohibited from conducting financial transactions in tax havens. This prohibition is in accordance with the list of countries compiled by European institutions or endorsed by them, or alternatively, by the Spanish State. Additionally, financial operations, whether within or outside tax havens, which are deemed criminal under legally established terms such as money laundering, tax fraud, or offences against the Public Treasury, are strictly prohibited.

3. Each bidder may submit only one proposal.

Solvency requirements

Bidders must provide evidence of the following economic and financial solvency, as well as technical and professional solvency:

7.1. Economic and financial solvency

As per Article 87 of the LCSP, bidders must prove economic and financial solvency in the competition phase through a binding commitment to secure professional indemnity insurance for at least €441,500.00. This insurance must be formalized if the bidder wins the project competition.

During the competition phase, a bidder is considered to meet this requirement by including in their proposal a binding commitment to secure the insurance upon winning.

The winner of the competition must verify compliance with this requirement within ten (10) working days as outlined in article 150.2 of the LCSP, using a certificate from the insurer that confirms the policy's issuance, the covered amounts and risks, and the insurance's expiration date, along with a binding commitment document for the subscription, extension, or renewal of the insurance where applicable.



7.2. Technical and professional solvency

Due to the technical complexity of the competition's subject, bidders must commit to forming—if awarded—a multidisciplinary team with broad expertise in Earth observation and instrumentation development to handle the payload's design, development, integration, and testing.

The technical team must include at least 3 members to manage execution and development across relevant fields throughout the project. Team members must hold appropriate qualifications (e.g., degrees in software engineering, telecommunications, aerospace engineering, computer science, physics, geoinformation, Earth observation, or related applications, based on the payload's specifics). These members must possess at least 3 years of experience in these areas.

Technical solvency will be evidenced by: (i) an ordered list of personnel assigned to the contract, and (ii) signed curricula vitae of team members as certification.

CLAUSE 8. DOCUMENTATION TO BE SUBMITTED BY BIDDERS THROUGH ELECTRONIC FILES/ENVELOPES. ANONYMOUS TECHNICAL PROPOSAL (ENVELOPE B)

The documentation must be submitted in two separate electronic files or envelopes, labelled **A** and **B**, respectively.

These electronic files/envelopes must be digitally signed by the bidding company or its authorized representative. Additionally, a separate sheet of paper must be enclosed inside each envelope, listing the documents included within it in the order A and B.

The envelopes must be marked with the slogan chosen by the bidder on their covers.

The participant is free to select the SLOGAN, which must not match their actual name, nor, where applicable, any team member's name or the company name.

The SLOGAN, used to identify the works, should be placed in the top right corner of all graphic and written materials.

Bidding companies must specify in the relevant electronic file/envelope which information within their proposal is deemed confidential. However, they may not designate as confidential any documents that are publicly accessible. The procurement body will ensure the confidentiality of information explicitly marked as such, as long as it complies with the conditions established in article 133 of the Public Sector Contracts Act (LCSP).

If deemed necessary, the procurement body may request confirmation from the company regarding the confidential nature of the submitted documentation, specifying any aspects that deviate from the provisions outlined in Article 133 of the Public Sector Contracts Act (LCSP).

In compliance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April, on the protection of natural persons with regard to the processing of personal data and the free movement of such data, as well as Organic Law 3/2018 of 5 December, on the Protection of Personal Data and the guarantee of digital rights, please be informed that personal data will be processed by the Institut d'Estudis Espacials de Catalunya (Institute of Space Studies of Catalonia – IEEC), located at C/ Esteve Terradas, 1 pl. 2 desp. 212, 08860 Castelldefels, acting as Data Controller. This processing is carried out to facilitate the procurement process with this entity and may involve transfers in compliance with legal obligations. No plans exist for international transfers of data. Failure to provide the required data will render



impossible to process your offer submission. The provided data will be retained for the duration necessary to fulfil legal and contractual obligations, in accordance with prevailing legislation.

The bidder retains the right to access, rectify, and delete their provided data, as well as to request limitation and/or objection to its processing or request data portability. This can be done by submitting a letter to the address provided above or via email, accompanied by an official identification document. Detailed information regarding Data Protection is available on our website: (<https://ieec.cat/>).

Each electronic file/envelope submitted by the bidding company must exclusively contain the documentation intended for its designated purpose, therefore:

- **The documentation within electronic file/envelope B must not contain any information that could disclose the contents of electronic file/envelope A.**

Non-compliance with this requirement will result in exclusion from the tender process.

1. Electronic file/ Envelope A,

The first page must state:

“Electronic file/Envelope A. Statement of compliance or ESPD for the procedure related to the Project Competition , file no....., submitted by with tax ID (NIF) ..., address for communications ..., fax ..., email....” SLOGAN and Title of the Project/Proposal

The file must contain:

1. The envelope must contain the statement of compliance attached as a form in **Appendix 2**, or alternatively, as an alternative to the statement of compliance, the ESPD (European Single Procurement Document) may be submitted.

To acquire the ESPD document, the bidding company needs to download the PDF file available on the IEEC Procurement Profile, which is accessible through the Electronic Public Procurement Platform of the Generalitat of Catalonia.

In part IV of the ESPD: ‘Selection criteria’, you must answer exclusively whether or not all the necessary selection criteria of accreditation of economic and technical solvency are fulfilled, by ticking the box ‘yes’ or ‘no’. THE VARIOUS INFORMATION SECTIONS OF THE SELECTION CRITERIA MUST NOT BE FILLED IN.

Furthermore, the bidding companies must indicate in the statement of compliance or ESPD the information concerning the person(s) authorized to represent them in this tender procedure.

In the case of companies bidding in a joint venture, each of them must submit an ESPD.

Besides the ESPD, these companies must provide a document with the commitment to formally form a temporary consortium if they are awarded the contract.

In the event that the bidding company uses the capacities of other companies to accredit economic and/or technical solvency, in accordance with the provisions of Articles 75 and 140.1.c) of the Public Sector Contracts Act (LCSP), it must indicate this circumstance in the ESPD (in part II, section C) and submit another separate ESPD for each of the companies.

Pursuant to Article 140.1.f) of the Public Sector Contracts Act (LCSP), if foreign companies bid and the contract is executed in Spanish territory, participation in the tender entails the submission of the biddin



company and the successful bidder to the jurisdiction of the Spanish courts of any order, for all incidents that, directly or indirectly, may derive from the contract, and with the waiver, where applicable, of the foreign jurisdiction that may correspond to the bidder.

2. In the case of submitting the ESPD, in addition to the ESPD, a statement of compliance must be attached, alternatively, stating that the company that it represents:

- Does not have legal relations with tax havens.
- Has legal relations with tax havens. In this case, the summary descriptive documentation of the specific financial transactions and the information relating to these operations must be attached. The fact that the company has declared that it has relations with tax havens will be posted in the procurement profile.

However, pursuant to Article 140.1.f) of the Public Sector Contracts Act (LCSP), foreign companies must also attach to the ESPD, in the event that the contract is executed in Spain, a statement of submission to the jurisdiction of the Spanish courts of any order, for all incidences that may directly or indirectly arise from the contract, waiving, where applicable, the foreign jurisdiction that may correspond to the bidder.

3. Commitment to secure professional liability insurance with a coverage amount of at least €441,500.00 if awarded the contract, as specified in clause 7 of these rules.

4. Where applicable, the commitment to form a temporary joint venture, **according to the model in Appendix 3**, specifying the names and details of its members and each member's participation (art. 69.3 of the Public Sector Contracts Act (LCSP)). This document must be signed by representatives of each of the companies.

The IEEC reserves the right to request bidding companies to submit all or part of the documentation supporting their fulfilment of these prerequisites when deemed necessary for the proper conduct of the procedure. Nevertheless, a bidding company registered in the Electronic Register of Bidding Companies (RELI) of the Generalitat of Catalonia, the Official Register of Tenderers and Classified Companies of the Public Sector (ROLECE), or an official list of economic operators of a European Union Member State with unrestricted access, is not required to submit supporting documents or other documentary evidence for the data recorded in these registers.

5. Documentation demonstrating the availability of a technical office centre within a 200 km radius of the IEEC headquarters, as per clause 1 of these specifications.

6. Authorisation for the IEEC and the Generalitat of Catalonia to disseminate the results, with the company's involvement.

7. The bidder must clearly state whether they wish to remain anonymous if they do not win, concerning both the public display of the submitted works and any potential publication. If this information is not provided, it will be interpreted as the author not wanting anonymity. However, winning works cannot remain anonymous, regardless of any express request for anonymity.

2. Electronic file/ Envelope B.

The first page must state:

"Electronic file/Envelope B. Proposal for the procedure related to the Project Competition file no. IEEC/174/2024 Technical report. SLOGAN and Title of the Project/Proposal

2.1. Technical Report



This envelope should include the technical report, as detailed in clause 9 "Criteria for evaluating proposals" of these specifications, signed by the bidder or the individual submitting it."

Specifically, each bidder must include in **electronic file/envelope B** a technical report detailing the works to be performed, clearly and concisely presenting their proposal for the content and development of the contract for the development of payloads for Earth observation satellites.

The content of the technical report must conform to the form attached to these specifications as Appendix 4.

The technical report must specify a title for the project, slogan, or proposal.

The technical report must adhere to the principle of anonymity. This procedure is **governed by the principle of anonymity** provided for in article 187.4 of the Public Sector Contracts Act (LCSP). For this purpose, anonymously submitted proposals are deemed to be those that not only omit the author's name but also exclude any data or indications that could reveal the identity of the author or authors, either directly or indirectly.

Therefore, **technical proposals must maintain anonymity, ensuring no elements, data, indications, or information on the envelopes or within the technical proposal itself could identify the bidder.** Similarly, anonymity will be deemed compromised if any bidder discloses their identity before the Jury's decision is publicly announced.

Therefore, bidders must ensure that all submitted documents do NOT include any data or indications (like addresses, phone numbers, email addresses, signatures, names, logos, etc.) that could reveal the identity of the author(s), either directly or indirectly.

All properties of the PDF file (such as title, author, address, etc.) must be removed when creating the electronic document to ensure that the electronic files do not contain any properties or data from the competing team or individual who prepared the documentation, which could reveal the identity of the bidders and violate the principle of anonymity that applies during this phase. Similarly, anonymity will be deemed compromised if any bidder discloses their identity before the Jury's decision is publicly announced.

Violating anonymity in the technical proposal document will lead to the bidder's exclusion from this competition, which will proceed with the remaining proposals.

2.2 Document identifying the project, slogan or proposal with the company presenting it.

The document will contain the title of the project, slogan, or proposal, along with the identification and contact information of the contestant and the team that wrote the proposal, distinguishing clearly between authors and collaborators. This identification information will only be included inside the envelope and will not be passed on to the Jury.

CLAUSE 9. DEADLINE FOR SUBMISSION OF PROPOSALS

1. This tender process is conducted electronically.

In accordance with the provisions of article 159 and additional provision 16a of the LCSP, in this tender, electronic, computer or telematic means must be used for all phases of the procurement procedure, including those corresponding to the bidding companies, among others, the submission of bids. Bids not submitted electronically, as outlined in these specifications, will be deemed ineligible.



Submission of bids implies the bidding company's unconditional acceptance of the entire specification documents without exception.

Each bidding company may only submit one bid.

Proposals may be submitted in any of the co-official languages of Catalonia.

2. Interested parties may request additional information on the specifications up to 5 calendar days before the deadline for submission of proposals. No information will be provided after this date.

Consultations can be made through the tool provided on the electronic public procurement platform of the Generalitat of Catalonia.

The responses issued regarding clarifications of the specifications and other documentation regulating the tender will be published in aggregate form without identifying the issuer of the consultation in the procurement profile. These responses will be binding.

3. The deadline for submitting the required documentation will be a minimum of 35 calendar days, commencing from the day following the publication of the notice in the procurement profile.

The announcement in the procurement profile will specify the final deadline for proposal submission. No tenders will be accepted after this deadline has passed.

4. Tenders must be submitted exclusively through the electronic public procurement platform of the Generalitat of Catalonia using the **Sobre Digital 2.0 (Digital Envelope)** tool.

https://contractaciopublica.gencat.cat/ecofin_pscp/AppJava/search.pscp?reqCode=start&set-locale=ca_ES

Proposals submitted by any other means will be rejected.

Initially, bidding companies must complete the registration form within the tool. Subsequently, they will receive a confirmation email at the address provided in the same form.

This email will include a link granting exclusive access for bid submission, allowing attachment of all required documentation in electronic format via the tool, for the purpose of subsequently submitting the bid in the corresponding envelopes. It should be noted that documentation may be attached in stages, but always prior to the bid submission deadline.

Bidding companies must ensure they retain the provided email address, as it will serve as the sole means to access their bid submission link through Sobre Digital 2.0.

For attaching the documentation, the tool will prompt the entry of a keyword for each envelope constituting the tender, except for Envelope A. It is important to emphasise that once the bid is submitted, modifications to the attached documentation will not be possible.

The documentation will be encrypted with keywords at the time of bid submission, ensuring the confidentiality of its contents until the designated moment.

These keywords will be known exclusively by the bidding companies and will be essential for decrypting the documentation. Therefore, it is crucial for companies to securely retain these keywords.



Within 24 hours following the close of proposal submission, the IEEC will send an email to the bidding companies via the two designated custodians, requesting them to input the keywords into the Sobre Digital 2.0 tool.

Upon entry of the keywords, the bids will be decrypted; however, they will remain confidential and stored in a secure, inaccessible virtual space until the deadline established for the opening of the envelopes.

If a bidding company fails to enter the keywords before the specified date and time for opening the envelopes, the submitted bids will remain encrypted, rendering their contents inaccessible, and consequently, they will not be evaluated.

In the event of a technical failure on the deadline day for proposal submission that prevents bids from being submitted via the Sobre Digital 2.0 tool, the procurement body will extend the submission period and publicly announce it through the procurement profile.

Additionally, it's important to note that tenders must be free from computer viruses and any other harmful elements that could impede the opening of the envelopes. Therefore, it is the responsibility of the companies to ensure the proper presentation of their bids. However, if documents containing viruses are submitted, the company will bear sole responsibility for the inability to access their contents.

In the event that submitted documents are damaged, illegible, blank, or infected with a virus, it will be the responsibility of the Board to evaluate the legal consequences arising from the inability to access the bid content. This may result in the possible exclusion of the company if the inaccessible documents are deemed essential for understanding or evaluating the bid.

The electronic documents must be submitted in one of the following acceptable formats:

- .doc or .docx
- .pdf

Please be advised that the technical specifications necessary for tender submission can be found in the 'e-Tendering' section of the PSCP.

https://contractaciopublica.gencat.cat/ecofin_sobre/AppJava/views/ajuda/empreses/index.xhtml?set-locale=ca_ES

CLAUSE 10. EVALUATION CRITERIA OF PROPOSALS

The bidder shall submit in envelope/electronic file B a **technical report** of the works to be performed, clearly and concisely outlining their proposal for the content and execution of the contract for the development of payloads for Earth observation satellites. Per clause eight, the report must be submitted anonymously, **without any elements, data, indications, or information that could identify the bidder.**

The content of the technical report must conform to the form attached to these specifications as appendix no. 4.

To choose the winning proposals, the jury will apply the following evaluation criteria to the submitted proposals, with the specified weighting (maximum score of 100 points):

A. Project Proposal (up to 34 points)

The jury may award between 0 and 34 points on this point as per the following criteria:



Criterion	Description	Score
Project objectives and scope	<p>The clear, coherent, and measurable definition of the objectives to be achieved within the project's timeframe will be evaluated as follows:</p> <ul style="list-style-type: none"> The objectives are clearly defined, aligned with the requirements as well as the competition's theme, well-structured, and KPIs are defined to measure the achievement of the objectives: up to 4 points. The objectives are partially defined and aligned with the competition's theme, but present inconsistencies, lack of justification in some aspect, or no KPIs are presented to measure the achievement of the objectives: up to 2 points. The objectives are unclear, incoherent, or not aligned with the competition's requirements: 0 points. 	Up to 4 points
Innovative aspects of the proposal	<p>The innovative or unique character of the proposal compared to available technological solutions on the market will be evaluated through the provided justification as follows:</p> <ul style="list-style-type: none"> The innovative nature of the proposal is clearly justified, evidencing disruptive elements and significant advances that surpass the current state of the art. They provide a high degree of innovation and have a significant impact on technological development: up to 12 points. A reasonable analysis of the state of the art is provided with identification of some innovative elements, but with shortcomings in the depth of the analysis or in the justification of the novelty compared to existing solutions: up to 6 points. No relevant information is presented and/or no innovative elements or relevant technological impact are identified: 0 points. 	Up to 12 points
Current technology readiness	<p>The justification of the overall technology readiness level (TRL) achieved by the payload proposal at the time of submission to the call will be evaluated, based on the ECSS-E-HB-11A standard, as follows:</p> <ul style="list-style-type: none"> TRL = 5 and well justified: up to 8 points. 	Up to 8 points



	<ul style="list-style-type: none"> • $3 \leq \text{TRL} < 5$, or $\text{TRL} = 5$ not sufficiently justified: up to 4 points. • $\text{TRL} < 3$: 0 points. 	
Technical feasibility of reaching the target technology readiness	<p>The justification of the plan to achieve the target technology readiness level ($\text{TRL} \geq 6$) will be evaluated as follows:</p> <ul style="list-style-type: none"> • Solid justification for achieving TRL 6 or higher: up to 10 points. • Proposal to reach TRL 6 or higher with weak justification: up to 5 points. • No justification for achieving TRL 6 or higher: 0 points. 	Up to 10 points

B. Technical Feasibility of Project Development (up to 22 points)

The jury may award between 0 and 22 points on this point as per the following criteria:

Criterion	Description	Score
Work methodology and project development approach	<p>The level of detail and clarity in the description of the work methodology, development planning, and project management will be evaluated as follows:</p> <ul style="list-style-type: none"> • Detailed information on the work methodology, development planning, and project management is provided: up to 12 points. • Information on the work methodology, development planning, and project management is provided but not properly justified: up to 6 points. • A solid justification of the work methodology, development planning, and project management is not provided: 0 points. <p>This evaluation will be carried out through an analysis of the provided justification for:</p> <ul style="list-style-type: none"> • Schedule and planning of milestones and phases. 	Up to 12 points



	<ul style="list-style-type: none"> • Breakdown of the project into work packages and activities necessary for project achievement. • Risk management. • Cost planning. • Project management methodology. • Organisation of the work team: assignment of roles and tasks. • Capacity to achieve the proposed tasks and deadlines. 	
Prior experience in similar technological developments	<p>Properly justified previous experience in technological developments of similar payloads that provide expertise in achieving the project's objectives within the proposed timeframe will be evaluated as follows:</p> <ul style="list-style-type: none"> • Complete information is provided and previous experience in at least 3 similar technological projects is justified: up to 6 points. • Complete information is provided and previous experience in one or two similar technological projects is justified: up to 3 points. • No previous experience is provided or the justification is insufficient: 0 points. 	Up to 6 points
Facilities for integration and functional testing	<p>The prior identification and access to facilities with the necessary integration and testing equipment for the proposed payload development will be evaluated as follows:</p> <ul style="list-style-type: none"> • All necessary facilities, whether own or third-party, have been identified and access is available, providing supporting documentation: up to 4 points. • All necessary facilities have been identified but agreements for their use are not yet in place or supporting documentation is not provided for all facilities: up to 2 points. 	Up to 4 points



	<ul style="list-style-type: none"> Not all necessary facilities have been identified or information is not provided: 0 points. 	
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C. Availability for Future Space Flight (up to 12 points)

The jury may award between 0 and 12 points on this point as per the following criteria:

Criterion	Description	Score
Compatibility with small satellite-based observation missions with Earth	<p>The degree of fit of the proposed payload as a secondary payload in missions based on small satellite platforms (11 to 200 kg) where the primary payload is for Earth observation, and the ability to achieve such fit, will be evaluated as follows:</p> <ul style="list-style-type: none"> Detailed information on interfaces is provided and the fit is properly justified: up to 8 points. Information on interfaces is provided but the fit is not properly justified: up to 4 points. A solid justification of the fit is not provided: 0 points. <p>This evaluation will be carried out through an analysis of the justification provided for the following elements:</p> <ul style="list-style-type: none"> Payload configuration, volume envelope. Mass per unit volume. Mechanical Interface. Thermal Interface. Electrical Interface. Software Interface (data/communications). Ground Communications Interface (Downlink/Uplink). Payload Operations Concept. Pointing and attitude required per operation mode. Electrical power consumption per operation mode. 	Up to 8 points



	<ul style="list-style-type: none"> • Data generation and storage strategy. • Thermal and Electromagnetic Behaviour. • Radioelectric Susceptibility. • Mechanical Environment (vibrations, shocks). • Space Environment. • Performance stability in flight. 	
Space sustainability considerations	<p>Space sustainability Compliance with the European Space Agency's (ESA) Zero Debris Charter in the applicable parts will be evaluated.</p> <ul style="list-style-type: none"> • Complete information is provided and compliance with the Zero Debris Charter is justified: up to 2 points. • Incomplete information is provided and/or partial compliance with the Zero Debris Charter is justified: up to 1 point. • No information is provided or the justification for compliance with the Zero Debris Charter is insufficient: 0 points. 	Up to 2 points
Selection of parts and materials	<p>Compliance with the ECSS-Q-ST-60C standard (references Appendix II) regarding the selection of parts and components, taking into account a list of restricted materials as established by the mentioned standard, will be evaluated as follows:</p> <ul style="list-style-type: none"> • Complete information is provided and it is justified that there are no parts and/or materials from the restricted components list: up to 2 points. • Incomplete information is provided and/or a complete justification is not provided: up to 1 point. • No information is provided: 0 points. <p>The payload provider may accredit this compliance with the delivery of a declaration listing the components used (Declared Components List, DCL).</p>	Up to 2 points

D. Social and Industrial Impact (up to 32 points)



The jury may award between 0 and 32 points on this point as per the following criteria:

Criterion	Description	Score
Social and industrial impact	<p>The description of the expected impact on the Catalan market, indicating the industrial areas of impact and possible business and exploitation models and their degree of relation to the territory of Catalonia, will be evaluated as follows:</p> <ul style="list-style-type: none"> Information is provided and the social and industrial impact of the proposal is justified: up to 20 points. Information is provided, but the social and industrial impact is weakly or partially justified: up to 10 points. No information is provided or the social and industrial impact is insufficiently justified: 0 points. 	Up to 20 points
Future business model: target market and value proposition	<p>The clarity and solidity of the business model, the identification of the target market, potential customers, and the economic viability of the project will be evaluated as follows:</p> <ul style="list-style-type: none"> A solid justification of commercial viability is included: up to 12 points. A business model is proposed but with weak justification: up to 6 points. Commercial viability is not demonstrated: 0 points. 	Up to 12 points

A minimum quality threshold for the award is established, as provided for in Article 146.3 of the LCSP, with the following score for each evaluation section:

Evaluation Section	Minimum Score
A. Project Proposal	17 points
B. Technical Feasibility of Project Development	11 points
C. Availability for Future Space Flight	6 points



D. Social and Industrial Impact	16 points
Global Threshold	60 points

Those proposals with a lower quality score in a section (A, B, C, D) or globally will be rejected and therefore excluded from the competition as they are considered technically insufficient.

The Jury will select proposals based on their ranking by score.

The Jury will provide a final opinion or decision in the form of a report, signed by all members, listing the proposals in descending order according to their scores, along with any relevant observations.

The maximum length of the technical report may not exceed 10 double-sided DIN-A4 sheets (20 pages) in Arial 10 single-spaced. This page limit does not count the index, covers, separators, or appendices. The report can be written in English, Spanish, or Catalan.

The maximum page length does not include index, covers, separators, and appendices.

Important: Exceeding the page limit mentioned will not result in the disqualification of the proposal; however, only the content within those pages will be considered for evaluation and scoring. Any additional pages will not be assessed.

CLAUSE 11. ANONYMITY OF PROPOSALS

The technical report in envelope B must be submitted with a SLOGAN on every page to maintain anonymity until the jury decides.

Bidders must not disclose their proposal, their identity, or any team member's identity before the jury's decision to ensure anonymity and competition objectivity. Violating this commitment leads to immediate disqualification.

Bidders are also prohibited from communicating with jury members about the competition.

Any proposal breaching this clause will be excluded.

CLAUSE 12. COMPOSITION AND OPERATION OF THE JURY

The jury will examine the submitted documentation, evaluate the proposals based on the criteria set out in the tender, and forward the winning proposal to the IEEC procurement body.

Composition of the Jury:

Chair:



Mr. Josep Colomé, Director of the Department for Promoting the Space Sector in Catalonia at the IEEC.

Members:

Mr. David Villa, Space Infrastructures Manager at the IEEC.

Mrs. Pepa Sedó, Head of the Development and Innovation Office of the IEEC.

Mrs. Estefania Blanch, Project Manager of Earth observation from the Services and Industrial Promotion Office of the IEEC.

Mr. Marc Ortega, Technician of the Infrastructure Office of the IEEC.

Ms. Estel Cardellach, IEEC Researcher at the ICE-CSIC.

Mr. Juan Ramos, Head of the CTE-UPC.

Mr. Jordi Corbera, Head of the Earth Observation Area of the Cartographic and Geological Institute of Catalonia (ICGC).

Mrs. Clàudia Mateo, Head of Space – Innovation Business – i2cat Foundation.

Mrs. Montserrat Sabaté Segura, Head of the Legal Area of the IEEC.

Mr. Javier Carmona, Head of the Finance Office of the IEEC.

Secretary:

Mrs. Anna Suárez Raya, Head of the IEEC's Legal Management Office.

Members of the Jury, appointed for their representation, can be replaced by the individual currently in that position when the Jury is formed or by their delegate.

The roles of the Jury include:

- Analysing and evaluating the submitted proposals.
- Providing a reasoned basis for excluding proposals that are not accepted, which will be documented in the minutes.
- Formulating a well-reasoned final resolution proposal to be presented to the procurement body.

Operation of the Jury:

The Jury will be called into session by its Chair to form for the analysis, admission, and exclusion of submitted works. A valid constitution of the Jury and session requires a quorum of at least two-thirds of its members. Decisions are made by a simple majority, and in case of a tie, the Chair has the deciding vote.

Before the Jury's sessions begin, all members will receive digital copies of the technical reports submitted by contestants, identified by their slogans.

At the Jury's formation, members must declare any absence of conflicts of interest, as generally stipulated by the Public Sector Contracts Act (LCSP). If any incompatibility arises, the affected Jury member must resign, and a new member meeting the same criteria will be appointed.

The Jury will record minutes for each session. These minutes must detail the attendees, the meeting's agenda, the location and time, key points of the discussions, and the decisions made. Where applicable, if there is a dissenting vote expressed by any member of the jury who has an opinion that differs from the majority, it should be recorded.

Until a decision is reached, Jury members are to maintain confidentiality regarding the deliberations and must not disclose any information accessed during their duties outside of the sessions.

CLAUSE 13. PROCESS FOR DELIBERATION, VOTING, AND ANNOUNCING THE COMPETITION



DECISION

Per Article 187.1, this procedure does not involve a procurement board. All administrative tasks or other duties not explicitly assigned to the jury will be handled by the services under the procurement body (Legal Area).

Technicians from the IEEC's Legal Area will open the submitted proposals and review the documentation in electronic file/envelope A. If they find any correctable errors or omissions, they will allow a three (3) working day period for corrections. They will also publish on the Procurement Profile the list of participants, identified by their slogans, who have entered the competition.

After this, the IEEC Legal Area technicians will forward the technical reports for evaluation (envelope/electronic file B) to the Jury.

Once the jury is properly formed as per these rules, it must evaluate the proposals according to the assessment criteria in section 9, considering both the number of participants and the quality of the submissions.

If there is a tie after three votes, the Chair's casting vote will decide. No jury member may abstain or vote blank; each must clearly state their position.

The jury must document and record in the minutes the scores given.

Individual votes can be recorded if requested by any jury member.

The jury's decision should identify, by slogan, the top two proposals. Additionally, they must provide a brief explanation for any proposals that were excluded.

After the Jury has decided and recorded the evaluations, the technicians from the IEEC's Legal Area will supply the administrative documentation (ENVELOPE A) of the winning proposals to the Jury, along with any other documents in Envelope B that are not the technical report, allowing the Jury to learn the identities of the bidders and review the materials.

The jury must issue its decision within one (1) month after the proposal submission deadline. If this deadline cannot be met due to the volume of work, this situation must be communicated on the IEEC Procurement Profile, along with an announcement of a new date for awarding the competition prizes.

CLAUSE 14. AWARD

The Jury will present to the procurement body a ranked list, in descending order, of the accepted proposals, and where appropriate, a contract will be awarded.

The winning proposals will be officially invited to submit their bids within the specified time frame, following the format and documentation requirements outlined in the regulatory specifications for the negotiated procedure without public notice, as per article 168.d) of the Public Sector Contracts Act (LCSP).

At most, two interested parties will be formally invited to submit a tender in the negotiated procedure, if feasible. Under no circumstances will companies that did not apply to participate in the procedure or candidates who do not fulfil the conditions specified in these Specifications be invited.

In accordance with the provision of article 158 of the Public Sector Contracts Act (LCSP), the contract will be awarded within a maximum of two months from the day following the receipt of tender openings. This period will be extended by 15 days if further processing is required to assess the abnormality of the bids.

If the above period has elapsed without the award being made, the bidding companies have the right to withdraw their proposal.



Before the award, the two companies proposed as the successful bidders will need to submit, within 10 working days upon receiving the request, the documentation justifying the circumstances outlined in letters a) to c) of section 1 of article 140 of the Public Sector Contracts Act (LCSP) if not provided earlier; documentation proving that the resourced that had been committed to be used for the execution of the contract are effectively available; and evidence of having established the definitive guarantee as outlined in the specifications.

A bidding company registered in the Electronic Register of Bidding Companies (RELI), the Official Register of Tenderers and Classified Companies of the Public Sector (ROLECE), or an official list of economic operators of a European Union Member State with unrestricted access, is not required to submit supporting documents or other documentary evidence for the data recorded in these registers.

The documentation required, if any, is as follows:

- Certificates proving compliance with tax and Social Security obligations as per current regulations.
- Documentation, if necessary, to demonstrate fulfilment of the suitability and solvency requirements as outlined in clause 7 of these rules, specifically:
 - Certificate of liability insurance for professional risk indemnity, in accordance with clause 7.
 - (i) A structured list of personnel committed to the contract, and (ii) CVs of team members, required in clause 7, signed as certified.

The documentation must be submitted within 10 working days from the day following receipt of the request.

After the required documentation has been submitted and the definitive guarantee, if applicable, has been established, the contract will be awarded within 5 working days of receiving the aforementioned documentation. Failure to submit the required documentation or provide the definitive guarantee within the specified period by the bidding company will be considered a withdrawal of its bid. In such a case, the same documentation will be requested from the next bidder in the order of bid classification.

In the event of falsification in the ESPD provided by the company proposed as the successful bidder, the latter will be automatically disqualified from the tender process, and the competent authority will initiate and handle the necessary proceedings for prohibition from contracting. Additionally, the Board reserves the right to reassess the bids.

Similarly, the procurement body has the right to cancel the procurement process if factual or legal circumstances emerge that reasonably prioritize the public interest in relation to the needs the contract aims to meet. They can also choose to abandon or withdraw from the award procedure for reasons of public interest, provided these are properly documented in the file.

CLAUSE 15. DEFINITIVE GUARANTEE

Due to the nature of this project competition, it is not suitable to require a definitive guarantee.

CLAUSE 16. NOTIFICATION OF THE AWARD OF PRIZES FOR THE WINNING PROPOSALS



Pursuant to the provisions of Article 151 of the Public Sector Contracts Act (LCSP), the awarding will be electronically notified to bidding companies and published on the procurement profile within a maximum period of 15 days.

CLAUSE 17. PAYMENT OF PRIZES

The prizes for this competition will be disbursed upon receipt of an invoice from the corresponding winner, as the prize received, for the amount stipulated in clause 3.1 of these rules, plus the applicable VAT.

Payments will be made via bank transfer upon submission of an electronic invoice.

IEEC Invoicing details:

- ☐ Fundació Institut d'Estudis Espacials de Catalunya – IEEC
- ☐ Tax address: c/ Esteve Terradas, 1, pl. 2, desp. 212, 08860 Castelldefels
- ☐ TAX ID NO. (NIF): G61051710

DIR codes:

ENTITAT	CIF	DIR3	OFICINA CG DIR3	ÒRGAN GESTOR	DIR3	UNITAT TRAMITADORA
EMC	Fundació Institut d'Estudis Espacials de Catalunya	G61051710	A09034673	Fundació Institut d'Estudis Espacials de Catalunya	A09034673	Fundació Institut d'Estudis Espacials de Catalunya

The invoice will undergo review and approval within a maximum of ten days. In case of discrepancies, the contractor will receive the invoice back, with ten days from the day following receipt to address observations or submit a corrected invoice.

The contract file number must be included on the invoice submitted by the contractor.

Advance payments are not scheduled, except as provided for in articles 198.2 and 198.3 of the Public Sector Contracts Act (LCSP).

CLAUSE 18. DATA PROTECTION

In accordance with Organic Law 3/2018, of 5 December, on Personal Data Protection and the Guarantee of Digital Rights, please note the following:

- a. The personal data contained in the documentation required for bidding in this procedure is necessary for participation.
- b. Regarding the documentation submitted by bidders which includes personal data of individuals (employees, technical staff, collaborators, etc.), the bidder ensures that they have obtained prior consent from these individuals to share this information with the IEEC for the purpose of participating in this bidding process.
- c. The documentation submitted by bidders that includes personal data will be stored by the IEEC and processed for the evaluation, assessment, and comparison of the proposals, as well as to meet the objectives set out in public procurement regulations. The recipients of this information will be the IEEC and any third parties involved in inspection duties or those who need access to it for the execution of the contract.



d. By submitting the offer and the required documentation, the bidder consents to the IEEC processing this information documentation and information on the terms stated. If awarded the contract, this consent extends to the framework of contract execution.

e. Individuals concerned can exercise their data protection rights by sending a written request to the IEEC, the data controller, including a copy of their National Identity Document or another official document verifying their identity.

CLAUSE 19. CONFIDENTIALITY

The successful bidder must maintain the confidentiality of all information accessed during the execution of the contract, which is specified in the contract, indicated by the entity, or by its nature should be confidential. This confidentiality obligation lasts for at least 5 years, unless a longer duration is stipulated in the contract.

Additionally, the bidder must clearly identify any documentation and/or information they deem confidential in their bid.

CLAUSE 20. DISSEMINATION OF COMPETITION RESULTS

By winning, bidders agree to the promotion of their projects and grant the IEEC and the Generalitat of Catalonia the rights to display, publish, and distribute the submitted proposals, in line with intellectual property laws, both nationally and internationally, without restrictions on time or medium. The authors retain intellectual property rights over the submitted projects.

CLAUSE 21. INTELLECTUAL PROPERTY RIGHTS

21.1 Ownership of rights

Ownership of the intellectual property rights generated under the contract resulting from the subsequent negotiated procedure without publicity (where applicable) shall belong to the contractor.

The contractor shall grant the IEEC a free, non-exclusive, and irrevocable licence over the intellectual property rights derived from the contract for purposes of communication, dissemination, and publicity.

21.2 Exploitation

The contractor shall provide the IEEC with a report on the exploitation of the intellectual property rights derived from the work performed under this contract within three (3) years following contract completion.

If the Contractor does not exploit or commercialise the intellectual property rights derived from the work performed under the Contract within the indicated period, it shall notify the IEEC and state the reasons for non-exploitation.

Thereafter, the IEEC may investigate whether third parties are interested in exploiting these rights, which remain the property of the Contractor. If the IEEC identifies a suitable third party, it may require the Contractor to grant that third party a licence over the unexploited rights, under terms to be agreed among the Contractor, the IEEC, and the third party.

The Contractor may not unreasonably object to the terms of this licence. If the IEEC is unable to find a suitable third party to exploit these rights, it may require the Contractor to transfer ownership of these rights to the IEEC.



If the Contractor has no intention of exploiting or fails to effectively exploit the Intellectual Property Rights derived from the work performed under the Contract, it shall not take any action that jeopardises or affects the ability of the IEEC or a third party to exploit these rights.

21.3 Pre-existing Intellectual Property Rights

Pre-existing intellectual property rights are those created, developed, or owned by the Contractor prior to the signing of the contract. These include, but are not limited to, any pre-existing technology, patents, copyrights, trade secrets, or other forms of intellectual property that the Contractor contributes to the activity.

Pre-existing intellectual property rights owned by the Contractor shall remain its property and shall be identified in the contract to be signed between the IEEC and the successful bidder.

Castelldefels, November 2025.

Francesc Xavier Luri Carrascoso
Director of the IEEC
IEEC
Electronically signed in the margin

Pilar Montes Marbà
Director of the Management Area / Manager of the
Electronically signed in the margin



APPENDIX NO. 1. ESA Phi-Lab NET Spain

What is it?

In response to the ESA tender AO/1-12128/24/UK/AL/ra for the ESA Phi-Lab in Spain, the Institute of Space Studies of Catalonia (IEEC) submitted a proposal to host an ESA Phi-Lab NET Spain in Barcelona focused on climate resilience with the following main objectives:

- To enhance the understanding of climate change and bolster climate resilience in Spain through nature-based solutions, with the aim of extending these benefits to other European and Mediterranean regions.
- To lead in the development of sustainable and resilient technologies aimed at predicting and mitigating climate change effects.
- To serve as a hub for economic growth, providing opportunities for businesses to innovate and commercialize new technologies.

The ESA Phi-Labs belong to the ScaleUp commercialisation program to provide funding, research support, and access to laboratories and infrastructures to economic operators with the aim of carrying out research activities with commercial potential under the same roof.

ESA Phi-Lab NET Spain will provide support to presenting businesses in three critical areas through various calls: knowledge, infrastructure, and financing. This presents a unique opportunity for both companies and the Phi-Lab consortium to foster innovation.

This platform facilitates businesses in developing new solutions for potential commercial uses, leveraging the expertise of researchers and accessing available facilities. Simultaneously, it assists researchers in converting their research into commercial opportunities.

The IEEC, as the project coordinator, contributes to the funding of ESA Phi-Lab NET Spain by providing certain funds under the NewSpace Project within the NewSpace Strategy of the Generalitat of Catalonia. These funds are designated for research and investment activities that are currently active and will be associated with ESA Phi-Lab NET Spain, including the current competition. Thus, this ideas competition is integrated into the ESA Phi-Lab NET in Spain.

The space strategy of the Generalitat of Catalonia is designed to enhance the space industry within the region.

Consortium and roles

ESA PhiLabNET Spain comprises 12 entities: IEEC (coordinator), i2CAT, ICGC, FG CSIC, KIM, Arribes, UPC, Innova IRV, UV, BSC, ICFO, UAB (Melissa pilot plant).



APPENDIX NO. 2. STATEMENT OF COMPLIANCE FORM (ELECTRONIC FILE/ENVELOPE A)

The undersigned, Mr./Mrs. _____, with National ID (DNI)/Foreign resident ID (NIE) number _____, in her/his own name/as legal representative of the natural/legal person _____, with Tax ID (NIF) number _____, with the following email address (@) _____ and for the purposes of bidding in the award procedure of the Project Competition _____ (file number _____).

HEREBY DECLARES UNDER HER/HIS OWN RESPONSIBILITY

That the entity that she/he represents has sufficient legal capacity and capacity to act, as accredited in:

That she/he has sufficient capacity to represent the company/entity _____, in accordance with:

☐ The deed of power of attorney / of incorporation / of appointment of administrator granted on date _____ before the notary public _____ under no. _____ of her/his records;

☐ The minutes of the assembly / meeting dated _____

That the activity carried out by the entity, as stated in its articles of association or founding rules, is as follows _____.

That the entity she/he represents complies with the minimum conditions of economic, financial and technical solvency established in clause 7 of the Specific Administrative Clauses for the award of the "Contract for _____"

That she/he is not subject to any prohibitions on contracting with the Administration established in art. 71 of the Public Sector Contracts Act (LCSP) and that she/he is aware of the compliance with the tax and Social Security obligations imposed by the current provisions.

That she/he is not deregistered from the Economic Activities Tax (IAE) and that she/he is registered under the heading _____.

That she/he [is / is not] exempt from the Economic Activities Tax (IAE) as legally provided.

That the entity she/he represents, along with its subsidiaries or interposed companies:

☐ Does not engage in financial operations in tax havens deemed criminal – as per the list of countries compiled by European institutions or endorsed by them, or by the Spanish State – or outside tax havens, which are classified as criminal according to legally established terms, such as offences related to money laundering, tax fraud, or offences against the Public Treasury.



☐ She/he maintains legal affiliations with jurisdictions known for favourable tax regulations (this will be disclosed in the procurement profile) and she/he provides the following descriptive documentation of financial transactions and all related information:.....

She/He complies with the provisions of the regulations concerning occupational health and safety.

That she/he complies with the conditions of economic and technical solvency established in clause 6 of the Specific Administrative Clauses for the award of the "Contract for"

For companies with more than 50 employees

☐ That the overall number of workers in the workforce are _____ and the particular number of workers with disabilities is _____ and the percentage that the latter represent with respect to the overall workforce is _____.

Or

☐ That she/he has chosen to comply with the alternative measures provided for by law.

For companies that comprise a business group

That the company _____ is part of the business group _____ and that the company/companies of the same group (*name of companies*) _____ is/are also participating in this tender.

For foreign companies and when the contract is executed within Spanish territory

That she/he agrees to submit to the jurisdiction of Spanish courts and tribunals for any and all matters directly or indirectly arising from the contract, waiving, if applicable, any foreign jurisdiction that may otherwise apply to the bidder.

Where applicable, other statements:

_____, _____ 2025.

Location, date, signature of the declarant, and entity's seal.



APPENDIX NO. 3. TEMPORARY JOINT VENTURE STATEMENT OF INCORPORATION FORM

Mr./Mrs. _____ with National ID (DNI) number _____ in
 representation of the company _____ with Tax ID (NIF)
 number _____; Mr./Mrs. _____ with Tax ID (NIF)
 number _____ in representation of the
 company _____ with Tax ID (NIF) number _____;

HEREBY DECLARE

a) He/She hereby declares the intent to form a joint venture to participate in the bidding for "Project Competition _____", with the following percentage of participation in contract execution:

_____ % the company _____
 _____ % the company _____

b) That in the event of being awarded the contract in the aforementioned bidding process, they commit to formally establishing themselves as a joint venture through a public deed.

c) That they appoint as the representative of the joint venture in this bidding process Mr. _____ with National ID (DNI) number _____.

c) That the name of the joint venture to be incorporated is _____, and the address for notifications is _____ no.

Telephone _____; fax number _____, email address (@) _____.

And in witness whereof, they hereby sign this statement,

_____, ____ 2025.

(Name of the represented company; signature of each representative of the different companies and company seals)



APPENDIX NO. 4. TECHNICAL REPORT FORM FOR PARTICIPATING IN THE ENGINEERING PROJECT COMPETITION WITH JURY INVOLVEMENT TO SELECT UP TO TWO PROPOSALS FOR EARTH OBSERVATION SATELLITE PAYLOAD DEVELOPMENT PROJECTS

PLEASE REMEMBER THAT THE REPORT MUST BE SUBMITTED ANONYMOUSLY; THEREFORE, IT SHOULD NOT INCLUDE ANY ELEMENTS, DATA, INDICATIONS, OR INFORMATION THAT COULD REVEAL THE IDENTITY OF THE AUTHOR, THE COMPANY THEY ARE AFFILIATED WITH, OR THE NAME OF THE COMPANY PARTICIPATING IN THE COMPETITION

SLOGAN:

*Bidding companies must specify in their technical report which information within their proposal is considered confidential.

1. Project proposal (up to 34 points).
1.1. Project objectives and scope (up to 4 points) 1.2. Innovative aspects of the proposal (up to 12 points) 1.3. Current technology readiness (up to 8 points) 1.4. Technical feasibility of reaching the target technology readiness (up to 10 points)
2. Technical feasibility of project development (up to 22 points).
2.1. Work methodology and project development approach (up to 12 points) 2.2. Prior experience in similar technological developments (up to 6 points) 2.3. Facilities for integration and functional testing (up to 4 points)
3. Availability for future space flight (up to 12 points).
3.1. Compatibility with small satellite-based Earth observation missions (up to 8 points)



<p>3.2. Space sustainability (up to 2 points)</p> <p>3.3. Selection of parts and materials (up to 2 points)</p>
<p>4. Social and industrial impact (up to 32 points).</p>
<p>4.1. Social and industrial impact (up to 20 points)</p> <p>4.2. Future business model: target market and value proposition (up to 12 points)</p>
<ul style="list-style-type: none"> • I authorise the IEEC and the Generalitat of Catalonia to disseminate the results of the application of the projects. • I have read and agree that winners of the tender, as part of the negotiated procedure without public notice, must provide a document detailing the communication activities related to the implementation outcomes of the projects. This document should include participation from both the company or joint venture and the end user, to be carried out within the 3 months following the project's completion. This document must be validated by the IEEC.
<p>Other aspects to comment on (optional).</p>

***Please keep in mind that the technical proposal must be anonymous and should not include any references, data, logos, or indications that could reveal the identity of the author or the company they are associated with.*

****Please remember that the technical report must not exceed 10 double-sided DIN-A4 sheets (equivalent to 20 pages) in Arial 10 font, single-spaced. This page limit does not count the index, covers, separators, or appendices. The report can be written in English, Spanish, or Catalan.**

