PROPOSAL - FOURTH CALL

SCIENTIFIC AND TECHNOLOGICAL MAJOR EQUIPMENT FONDEQUIP, 2023

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| **Proposal Title** |  |
| **Name and technical description of the equipment** (Describe briefly what the equipment consists of and how it is used) |  |

Instructions:

1. Answer each of the requested items in this form considering the **evaluation criteria** of the Contest Guidelines.
2. Respect the format and maximum length of each section. It is not allowed to alter the established format regarding structure, margins, spacing or font size.
3. According to the Contest Guidelines, in this call a bonus of 0.3 points will be granted to equipment proposals related to the following areas:
	* Development of local industry for vaccines and biopharmaceuticals.
	* Food security and sovereignty.

If your proposal is related to these issues, fill-in the following text box.

(Maximum length 1 page, including this one. You must use Calibri font 11 and line spacing 1.0)

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| Which area is your proposal related to? |  | Development of a local industry for vaccines and biopharmaceuticals |
|  | Food security and sovereignty |

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| Currently, do you work, or do you have experience in the selected area? | Yes or No |

Explain how your equipment proposal will be related to the selected area: |

1. **Scientific and technical justification of the proposal.**
	1. **Clarity, coherence and pertinence of the requested equipment with the research activities and/or experimental development of the research area(s) that the institutions wish to support.**

Justify the participation of the institutions conforming this application, both Principal and Associates, including a detailed description of tasks distribution and the synergies that could be achieved. Explain the link between the requested equipment and the research and/or experimental development activities undertaken by these institutions. Justify the reasons for choosing the requested equipment, clearly explaining your preference over other similar equipment, according to its characteristics and in relation to the proposed research.

(Maximum length 3 pages, including this one. You must use Calibri font 11 and line spacing 1.0).

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* 1. **Viability and maintenance of the equipment over time.**

Explicitly indicate current projects or research activities, active at least until December 2025, that will be linked to, or benefit from, the requested equipment and that can assume the costs associated with its operation. Please indicate the completion date (day/month/year) and how each of the projects will contribute to the maintenance of the equipment.

(Maximum length: 3 pages, including this one. You must use Calibri font 11 and line spacing 1.0).

If necessary, insert rows in the table.

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| Current Project Code  |  |
| Project’s Title |  |
| Financing Source |  |
| Project’s end date (dd/mm/yyyy) |  |
| Main researcher and affiliation |  |
| Use of the equipment |  |
| How will the project contribute to the maintenance of the equipment (costs that will be assumed associated with its use) |  |

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* 1. **Justification of the need for the requested equipment in relation to the already existing equipment in the applicant’s and associated institutions and/or in other entities, at a national or international level.**

Justify why it is essential to purchase the new equipment. Refer to the existence of similar equipment in the Institutions included in the proposal or other entities (at a national or international level). Explain why the Institutions consider that they require this equipment, also what standards, requirements and/or capacities limits them today and what is the evolution, progress and/or improvement that the new equipment would represent.

(Maximum length: 2 pages, including this one. You must use Calibri font 11 and line spacing 1.0).

If necessary, insert rows in the table.

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| **Similar equipment name** (Brand, Model) | **Equipment location**(Laboratory/Institution/Location) |
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| Justify: |

1. **Strategic contribution from the Institutions.**
	1. **Model of use, association and access plan for the requested equipment.**

Describe the model of use, association with other institutions and access provision to the requested equipment and how it will support intra and inter-institutional collaborative research and/or collaboration with foreign researchers.

Specify the measures that will be taken for the dissemination of the equipment. In addition, ~~to~~ describe the model of use (professional in charge, hours of operation, among others) and provide details related to the allocation of time for external researchers to use the equipment, such as the distribution of the (at least) 30 annual business days of external access, the equipment access logistics, supplies, consumables, personnel, transfer protocols, and insurances associated with equipment to be used in the field. If, due to the nature of the equipment, external access will not be provided, it must be justified at this point.

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* 1. **Consistency and justification of the resources requested from FONDEQUIP and those provided by the Beneficiary and Associated Institutions.**

Justify in detail the requested resources and the specification of the pecuniary and non-pecuniary contributions to the project in each sub-item (Beneficiary and Associated Institutions).

It must be specified the plan of operation and maintenance of the requested equipment and how the Pecuniary Contribution of the institution(s) will be materialized to carry out the hiring of technicians and/or specialized professionals in charge of the equipment operation (except in cases where, due to the nature of the equipment, a person in charge is not required), and the training of personnel related to the use of the equipment. In addition, refer to the consistency of the **Non-Pecuniary Contributions**, considering a valuation within the term of the project and according to the date of purchase and installation of the equipment (following Section 2.5 of the Contest Guidelines). Consider the need for additional equipment or laboratories for the proper performance of the requested equipment and the existence or access to these.Regarding in-kind institutional contribution committed in human resources with a current contract in the institution, it is aimed only at specialized technical and/or professional personnel in charge of the manipulation, use and/or maintenance of the equipment. It also includes technicians, professionals, administrative personnel and the researchers in charge of the purchasing of the equipment. This budged does not include payment for potential users of the equipment once it is in operation, except the hours of dedication of the responsible coordinator of the execution and follow-up of the project.

In relation to the adaptation of infrastructure and/or habilitation of spaces, do not include **the renovation of offices or the purchase of furniture** that are not **directly related** to the operation of the equipment.

(Maximum length: 3 pages, including this one. You must use Calibri font 11 and line spacing 1.0)

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* 1. **Technical feasibility of the proposal**

Describe the important aspects to carry out and ensure the transfer, installation and start-up process of the requested equipment.

(Maximum length: 2 pages, including this one. You must use Calibri font 11 and line spacing 1.0)

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1. **Expected results of the Proposal.**

Describe the expected results from the use of the requested equipment in each of the sub-criteria defined, considering the indicators committed in this application.

* 1. **Knowledge that will be generated from the use of the requested equipment.**

(Maximum length for this chart is 2 pages, including this one. You must use Calibri font 11 and line spacing 1.0).

If necessary, insert rows in the table or adjust columns.

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| **Current situation** | **Situation considering the equipment** |
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* 1. **Support for the education and training of undergraduate and graduate students.**

This section must be certified by a letter from a pertinent authority, such as the head of the degree program, or the Dean, among others.

(Maximum length for this chart is 2 pages, including this one. You must use Calibri font 11 and line spacing 1.0).

If necessary, insert rows in the table or adjust columns.

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| **Current situation** | **Situation considering the equipment** |
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