PROPOSAL - SECOND CALL

SCIENTIFIC AND TECHNOLOGICAL MAJOR EQUIPMENT FONDEQUIP, 2021

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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. Describe each of the requested items in this formulary considering the **evaluation criteria** of the Contest Guidelines.
2. Respect the format and maximum length of each section.
3. It is not allowed to alter the established format regarding sentences, margins, spacing and font size.
4. According to the Contest Guidelines, in this call a bonus of 0,2 points will be granted to the equipment proposals related with the following areas:
5. Study of the Climate change in oceans, coasts and high latitudes (including Antarctica) and renewable energies
6. Biobanks.

Therefore, you must answer the following question before starting:

Therefore, if your proposal is related to these issues, you must justify in the following box, considering that a requirement to be awarded this bonus is that the resulting data, final or intermediate, must be set freely and openly available to the community, allowing them to be traceable, accessible, interoperable and reusable. To this objective, a management plan must be generated for the data obtained with the use of the equipment acquired and deposited in their respective institutional repositories and/or in one of the disciplinary and/or related repositories. Access to the data must duly safeguard the rights of third parties in relation to the data communicated, including the dissociation of personal information and other necessary measures in compliance with the regulations governing the processing of personal data.

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

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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, and including the detail 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 that are developed in these institutions. Justify the reasons for choosing the requested equipment, clearly explaining your preference compared to other similar equipment, according to its characteristics, in relation to the proposed research (s).

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

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

Explicitly indicate current projects or research, valid at least until the December 2023, 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 sustainability of the equipment.

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

If necessary, insert rows in the chart.

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| |  |  | | --- | --- | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  |  |  |  | | --- | --- | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  |  |  |  | | --- | --- | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  |  |  |  | | --- | --- | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  |  |  |  | | --- | --- | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  |  |  |  | | --- | --- | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  |  |  |  | | --- | --- | | Current Project Code |  | | Financing Source |  | | Project’s end date |  | | (dd/mm/yyyy) |  | | Main researcher and the Institution (to which he/she belongs) |  | | Use of the equipment |  | |

* 1. **Justification of the need for the requested equipment in relation to the already existing equipment in the applicant 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 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 this equipment would represent.

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

If necessary, insert rows in the chart.

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

1. **Strategic contribution from the Institutions.**
   1. **Use and access plan of the requested equipment.**

Describe the use model, associativity with other institutions and access to the equipment requested to support intra and inter-institutional associative research and/or with foreign researchers.

It is required to 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 the details related to the time that must be disposed for the access and use of other researchers, external to the application, such as the distribution of the 30 annual business days (at least), supplies, reagents, personnel. If, due to the nature of the equipment, its access will not be available, it must be justified at this point.

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

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

Detail how the Institution(s) will implement the installation and start-up plan, and how it will ensure the operation and maintenance of the requested equipment, during the term of the project and after its completion, specifying the resources to be used and their origin (FONDEQUIP and/or Principal and Associated Institutions).

It must be specified how the Pecuniary Contribution of the institution(s) will be materialized to carry out the hiring of the technician and/or specialized professional, in charge of the operation of the equipment (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 (according to what is indicated in number 2.5 of the Contest Guidelines). Consider the need for additional equipment or laboratories for the proper performance of the applied equipment and the existence or access to these. Regarding the valorization of human resources, only the specialized technical and / or professional personnel in charge of the manipulation, use and / or maintenance of the equipment (with a current contract in the institution) can be considered. In relation to the technical and / or administrative personnel in charge of purchasing the equipment and the associated researchers who participate in this process or directly in the execution of the project. **It is not possible to include a valuation of the remuneration of the potential users** of the equipment once it has been put into operation.

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

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

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

Describe the expected results with the use of the requested equipment in each of the sub-criteria described in the chart, taking into account the indicators committed in this application.

(Maximum length for this chart is 5 pages, including this one. You must use Calibri letter 11 and line spacing 1.0).

If necessary, insert rows in the chart.

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| * 1. **New knowledge that will be generated with the use of the requested equipment** | |
| **Current situation** | **Situation considering the equipment** |
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| * 1. **Support for the education and training of undergraduate and graduate students, both nationally and internationally.**   (This situation must be certified by a letter from a pertinent authority, such as the head of the degree program, or the Dean, among others). | |
| **Current situation** | **Situation considering the equipment** |
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| * 1. **Promotion of scientific and/or technological research that contributes to public/private sectors of society for national welfare.** | |
| **Current situation** | **Situation considering the equipment** |
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