**PROPOSAL - FIRST CALL**

**Scientific and Technological Major Equipment**

**FONDEQUIP – 2020**

|  |  |
| --- | --- |
| **PROPOSAL TITLE** |  |

**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:

* 1. Study of the Climate change in oceans, coasts and high latitudes (including Antarctica)
  2. Outer space science.
  3. COVID-19.

Therefore, you must answer the following question before starting:

|  |  |
| --- | --- |
| **Does your equipment proposal relates to climate change, outer space science, high latitude science (including Antarctica) or CODIV-19?** | **YES / NO** |

1. If your answer is positive, you must develop the idea in the question 1.1 of the proposal.
2. **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 Verdana letter 09 and line spacing 1.0).***

|  |
| --- |
|  |

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

Explicitly indicate current projects or research, valid at least until the **end of 2022**, that will be linked to, or benefit from, the requested equipment and that can assume the costs associated with its operation. You must present an economic plan that makes the operation viable in the medium term.

***(Maximum length 3 pages, including this one.*** ***You must use Verdana letter 09 and line spacing 1.0). If necessary, insert rows in the chart.***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Valid Project code** | **Financing source** | **Project ending date** | **Principal investigatgor and University** *(to which he/she belongs)* | **Use that will be given to the equipment**  *(simple description)* |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Briefly explain how the use and access to individualized Projects will be implemented and indicate, specifically, the importance of the equipment for each of them:** | | | | |

* 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 Verdana letter 09 and line spacing 1.0). If necessary, insert rows in the chart.***

|  |  |  |
| --- | --- | --- |
| **Similar equipment name** | **Equipment location** | **OECD[[1]](#footnote-1)discipline** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **Justify:** | | |

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

Describe the Plan for use and access of the requested equipment to support cooperative research and, both intra and inter-institutional / or with foreign researchers.

It is required to specify the measures that will be taken for the dissemination of the equipment. Also to describe the model of use 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 Verdana letter 09 and line spacing 1.0).***

|  |
| --- |
|  |

* 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 Verdana letter 09 and line spacing 1.0)***

|  |
| --- |
|  |

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 Verdana letter 09 and line spacing 1.0). If necessary, insert rows in the chart.***

|  |  |
| --- | --- |
| * 1. **New knowledge that will be generated with the use of the requested equipment.** | |
| **Current situation** | **Situation considering the equipment** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| * 1. **Generation of derived research lines.** | |
| **Current situation** | **Situation considering the equipment** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| * 1. **Support for the education and training of undergraduate and graduate students, both nationally and internationally (mention the benefited programs).** | |
| **Current situation** | **Situation considering the equipment** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

1. Check the list in the section MANUALES DE USUARIO Y OTROS of the I Concurso FONDEQUIP Mayor in https://www.anid.cl/concursos/ [↑](#footnote-ref-1)