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# Tender announcement

Sukarrieta, 3th april 2023

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## 1. OBJECT

The AZTI Foundation announces the opening of a public tendering procedure for **the acquisition of a complete bioreactor (vessel, control system and accessories) for the microbiological cultivation of bacteriophages.**

## 2. DELIVERY AND COMMISSIONING

The delivery of the equipment and its commissioning will be managed within **a maximum of 12 weeks** from the date of signature of the contract.

## 3. ECONOMIC TENDER

The maximum economic offer that will be accepted for this tender is **ninety thousand five hundred euros (90.500,00 euros)**, taxes not included.

Invoicing shall be made upon delivery of the equipment and the invoice shall be paid within 60 days of the date of issue.

## 4. ASSESSMENT CRITERIA FOR PROPOSALS

The proposals received will be assessed on the basis of the following criteria:

Economic offer	50%
Technical adjustment	30%
Improvements	15%
CSR policies	5%





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## 5. PRESENTATION OF THE PROPOSALS

Bidders may submit their proposals to the attention of Tania Gonzalez at the e-mail address [tgonzalez@azti.es](mailto:tgonzalez@azti.es) and at any of the AZTI centres, from the time of publication of this announcement on the AZTI Foundation website, **until 12 noon on 26 april 2023**.

Proposals can be submitted in Spanish, English or Basque.

Tenderers may contact the following address for further **technical information**:

AZTI

María Lavilla / Amaia Lasagabaster

Telf. 688 618 928 / 667 174 303

Mail: [mlavilla@azti.es](mailto:mlavilla@azti.es); [alasa@azti.es](mailto:alasa@azti.es)

Prior to the award, AZTI may ask the bidders for the clarifications and information it considers necessary to adopt its decision.

## 6. AWARD

Once the offers have been received on the date indicated for their presentation, within 15 working days, the result of the tender will be published on the AZTI Foundation website.

## 7. CONDITIONS DE RECRUTEMENT

- The selected entity, during the time that the service relationship with AZTI lasts, must comply with the regulations in force on labour matters, Social Security and Health and Safety at Work, being subject, if applicable, to carry out the coordination of business activities in accordance with RD 171/2004 according to the procedure and specifications established (available at <https://www.azti.es/en/recruitment-rules/>)
- In any case, and independently of any other documentation, the selected entity must present, before the formalization of the contract, a certificate that proves that it is up to date with the fulfillment of its tax and social security obligations.
- The selected entity must present the necessary documentation to formalize the contract within a period not exceeding 20 days from the award. Or the



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documentation, the selected entity must follow the Internal Contracting Regulations published at [www.azti.es](http://www.azti.es)

- In addition to the technical and administrative conditions, AZTI will positively evaluate those suppliers who demonstrate that they maintain policies on Quality, Health and Safety, the Environment, Sustainable Mobility, as well as Corporate Social Responsibility.

The supplier shall include in its proposal those documents or records that allow verification of these policies (quality and environmental certificates, documentation relating to actions in matters of social responsibility, etc.)

- The equipment or machine shall comply with the requirements laid down in the applicable legislation, to be taken as a reference:
  - Royal Decree 1644/2008, of 10 October, which establishes the rules for the marketing and commissioning of machinery.
  - Royal Decree 1215/1997, of 18 July, establishing the minimum health and safety provisions for the use of work equipment by workers.

#### **MANDATORY REQUIREMENTS OF RD1644/2008**

The equipment/machine supplied must comply with the requirements set out in article 41 of the Law on Prevention of Occupational Risks and RD 1644/2008 on the approximation of the laws of the Member States on machinery. It must have the following:

- CE marking.
- EC Declaration of Conformity.
- Name and address of manufacturer
- Identification of the machine
- Provisions with which the machinery complies
- Where appropriate, notified body and EC type-examination drawn up in Spanish.
- Instruction booklet in Spanish.
- Installation
- Commissioning
- Operation
- Maintenance, etc.



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- Written in Spanish

In case of receiving the equipment/machine without the appropriate documentation, the equipment will be rejected and returned, having the obligation to notify the corresponding Territorial Industry Office.

In the event of not complying with the established legal requirements, the order and the purchases made may be cancelled.

## 8. GENERAL DATA PROTECTION REGULATION

Person in charge: Identity: FUNDACION AZTI - AZTI FUNDAZIOA - CIF: G48939508 Postal address: TXATXARRAMENDI UGARTEA Z/G SUKARRIETA (BIZKAIA) Telephone: 946574000 e-mail: [lopd@azti.es](mailto:lopd@azti.es).

“From FUNDACIÓN AZTI we treat the information you provide us with the purpose of placing your order and billing for services and maintaining commercial relations. The legal basis for the processing of your personal data is our legitimate interest in maintaining commercial relations and carrying out the provision of services, being strictly necessary for this purpose. The data provided will be kept as long as the commercial relationship is maintained or for the years necessary to comply with legal obligations and, once the relationship has been resolved, to the extent that liabilities may arise. The data will not be transferred to third parties except in cases where there is a legal obligation, as well as to those providers of technical and computer services and auditing. Under no circumstances will we carry out international transfers of your personal data. You have the right to obtain confirmation as to whether FUNDACION AZTI - AZTI FUNDAZIOA is processing your personal data. Therefore, you have the right to access your personal data, rectify inaccurate data or request its deletion when the data is no longer necessary, as well as to exercise your right to oppose, limit or transfer your data, under the terms provided for in the applicable data protection regulations, by writing to the above-mentioned address. You may also lodge a complaint with the competent supervisory authority”.

## 9. TECHNICAL REQUIREMENTS

Versatile equipment is required for the study of the scaling of the production of various microorganisms in the microbiology laboratory (culture of bacterial species and bacteriophages in different concentrations of O<sub>2</sub>, N<sub>2</sub> and CO<sub>2</sub>).

It shall be possible to monitor, record and historise incubation and production parameters (agitation, gas concentration, temperature, pH, biomass, etc.).



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The equipment shall consider the reduction and optimisation of resources (especially gases) and energy consumption. Ergonomic, time-saving and workflow saving aspects will also be taken into account. These sustainability aspects will be taken into account in the assessment of the improvements proposed.

Another aspect of improvement to be assessed will be the delivery time, the inclusion in the offer of accessories, materials and spare parts, as well as the period and conditions of guarantee and the possibility of extension to a period longer than that contemplated by law. The maintenance service (if included) shall include the materials, consumables and interventions necessary to guarantee the functioning and operability of the equipment supplied, as well as the maintenance of quality and functional parameters and specifications necessary for the activity.

The budget must be detailed separately in the breakdown of the offer.

<b>1 Microbiological multiculture bioreactor</b>	
<b>Technical requirements</b>	
<b>Temperature</b>	
<b>Temperature Range</b>	Cultivation from 5°C to 45°C
<b>Accuracy</b>	± 0,1 °C
<b>Homogeneity</b>	± 0,3 °C
<b>Atmosphere control</b>	
<ul style="list-style-type: none"> <li>• Versatility in the mixture and control of gases in the culture: Possibility of work and culture for different microorganisms (aerobic, hypoxia/microaerophilia and anaerobic), with precise control of the concentrations of all gases: N2 (0-100%), O2 (0-21%) and CO2 (0.1-20%).</li> <li>• Gas and consumption saving systems.</li> </ul>	
<b>Cultivation requirements and capacity</b>	
<ul style="list-style-type: none"> <li>• Cooling/heating system for 5-45°C culture.</li> <li>• Probes, pumps (injectors) and control module necessary for monitoring, precise automatic regulation and recording of all production parameters (biomass, pH, temperature, agitation, gas concentration, foam formation...).</li> <li>• External parameter control and recording software, including workstation with the necessary requirements for the installation and operation of this software.</li> <li>• Capacity: Two vessels of at least 5 litres real working capacity, controllable with the same control module (they can be interchangeable).</li> <li>• Sampling system under aseptic conditions.</li> <li>• Autoclavable materials (121°/15min or higher) in vessels and all their accessories, probes and connections..</li> </ul>	



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<b>Installation and Commissioning</b>
<ul style="list-style-type: none"><li>• Transport, installation and connection of the equipment and commissioning in the centre's own laboratory (Derio) included.</li><li>• Availability of a commissioning report.</li><li>• User training in operation and basic maintenance included.</li><li>• Legal guarantee included.</li></ul>
<b>Other requirements</b>
<ul style="list-style-type: none"><li>• Models offered with measures to be placed on a standard trough (60 cm deep), without the need to buy an additional table or support.</li><li>• Possibility of remote control.</li><li>• Intuitive control software.</li><li>• Offer and manuals in Spanish.</li><li>• Free telephone/remote technical and applications support.</li></ul>
<b>Improvements to assess</b>
<p>Other supplies/accessories included: Culture accessories not included in the basic equipment (e.g. additional parameter measurement probes, possibility of automatic sampling), spare parts kit/tubing included, accessory consumables included (e.g. autoclavable bottles), etc.</p> <p>Mandatory warranty extension or, failing this, additional maintenance service/periodic checks included (duration and concepts included to be assessed).</p> <p>Other improvements that the supplier considers useful.</p>