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# Tender announcement

Sukarrieta, 9th October 2023

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## 1. OBJECT

The AZTI Foundation announces the opening of a public tendering procedure for **the acquisition of a Ball Mill equipment for cellular breakage, with specific application in the breakage of microalgae.**

## 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 **forty thousand euros (40.000,00 euros)**, taxes not included.

Invoicing will be carried out 30% after confirmation of the order and signing of the contract and receipt of the invoice, and the other 70% upon correct delivery of the equipment, this second payment will be made 60 days after 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 23rd October 2023**.

Proposals can be submitted in Spanish, English or Basque.

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

AZTI

Marta Cebrian

Tel. 34 667 174 335

Mail: [mcebrian@azti.es](mailto:mcebrian@azti.es)

## 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

The Ball Mill equipment for cell breakage shall meet the following technical requirements:

- Applicable to the breaking of cells of microorganisms (microalgae, bacteria, fungi) in liquid suspensions, with usual solids content between 2 and 12% and low viscosity.
- Ability to process pumpable samples for continuous operation, with the possibility of recirculation to apply several treatment cycles.
- Versatility in the volume of samples to be treated (usually between 300-500 ml minimum volume and 2.5-5 L maximum volume).
- Possibility of cooling to maintain the sample temperature below 40°C (connection to tap water or chiller).
- Temperature display.
- Adjustable inlet flow rate control (normally between 10 and 15 m/s).
- Manufactured in food grade stainless steel.
- Easy cleaning and disinfection for hygienic working conditions.
- Easy disassembly.
- Possibility of scalability and use of other baskets for other applications or functionalities.
- Possibility of using different types of beads (zirconium, glass...) and sizes (usually 0.4 - 0.5 microns).
- Maintenance service.
- Minimum 1 year warranty.

It would be an asset:

- Integrated recirculation pump.
- Possibility of working in potentially explosive conditions (ATEX) with solvents such as ethanol, acetone, hexane for extraction processes.
- Possibility of adaptation to use with solids or semi-solids, for particle size reduction.