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& TECHNOLOGY ALLIANCE

# Tender announcement

Pasaia, 22nd May, 2024

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## 1. OBJECT

The AZTI foundation announces a public invitation to tender for the procurement of the service: **"Implementation of a technological Data Centre to integrate the KostaSystem set of coastal videometry stations"**.

The object is to select a supplier for the following:

- Setting up a data centre suited to the features of the information generated by the KostaSystem videometry stations.
- Integration of pilot stations and validation of management of basic and advanced products of KostaSystem.
- Integration of the existing network (25 stations) into the management system.

This tendering process falls within the project (AZTI internal ref. IM-24-OODEsCOaHu) "OARSOALDEA\_HUB Scalability Oceanographic Observation Services Projects and Decarbonisation Centre 2024" for EUSKO JAURLARITZA - BASQUE GOVERNMENT, Ekonomiaren Garapena, Jasangarritasuna eta Ingurumena saila - Dept. of economic development, sustainability and the environment, Nekazaritza, Arrantza eta Eli. Politika sail - deputy minister of agriculture, fisheries and food policy, directorate of quality and food industries within the programme GV - DDESyMA - nominative subsidy (2024), which aims to capitalise on developments by the Oarsoaldea Urdina hub to scale business opportunities and services around coastal observation and decarbonisation initiatives in maritime sectors.

## 2. LENGTH OF SERVICE

From the resolution until the end of the implementation period of the data centre, a service duration of **6 months** to be executed in 2024 is considered.





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### 3. ECONOMIC TENDER

The financial offer to be assessed is for the totality of the services offered. The maximum financial offer, including all concepts, is **forty thousand euros (€40,000.00)**, taxes not included.

Invoicing will be carried out in two certifications, 50% of the price offered after 1 month from the start of the project, the remaining 50% at the end of the contract. Invoices shall be paid 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	40%
Improvements	5%
CSR policies	5%

### 5. PRESENTATION OF THE PROPOSALS

Bidders may submit their proposals to the attention of Alaitz Lizaso at the e-mail address [alizaso@azti.es](mailto:alizaso@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 29th May, 2024**.

Proposals can be submitted in Spanish, English or Basque.

Tenderers may contact the following address for further technical information:

AZTI

Anna Rubio

Tel. 34 667 174 424

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



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## 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. Any additional questions may be consulted in 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.)

- Each party shall retain the ownership and exploitation rights of the intellectual and industrial property corresponding to its contribution to the development of the product (software, algorithm, hardware, digital platform, ...), service (consulting, advisory, digital, ...) or solutions (digital, software platform, programmes, ...). All those rights of exploitation shall prevail over any subsequent agreement signed with the selected entity and which might eventually conflict with the conditions



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established in this tender. AZTI shall also recognise the inventors' authorship if it disseminates the results generated during this tender.

- The selected entity will not be able to exploit or develop competing systems similar to what is generated in this tender.
- The selected entity pledges to safeguard and maintain the confidentiality of information shared by the tendering entity and to uphold professional secrecy; accordingly, it will neither reveal nor communicate to or inform third parties about the information it may know and obtain for the purpose of supporting the technical development of this tender (beforehand, during or once finalised).
- This obligation of confidentiality and non-use of confidential information does not end when the service is completed and shall remain in force for as long as the confidential information is not in the public domain, without there having been any infringement of the awarding entity's obligations.

## 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 or not 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



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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

AZTI is a technology centre specialised in marine and food research, committed to the social and economic development of the fishing and food industry. Within the marine research sector, AZTI's challenge is to achieve sustainable development of our environment, to which end it studies and provides knowledge of coasts and the marine environment through an integrated approach (physical, ecological and socio-economic aspects of the marine environment and the interactions between them) to help managers and users of the coast to take decisions.

In this respect, there is an increasing need for in-depth knowledge of the dynamics in action and their relation with uses, as this relation is the predominant one, from the natural configuration of beaches and the risk of flooding to the suitability of otherwise of the location and conditions for all leisure uses of the coastline.

However, the scales, both physical (from hundreds of metres to kilometres) and time (hours, days) that characterise coastal dynamics make conventional measuring techniques limited and very costly to study the behaviour of these coastal systems. However, video measuring techniques today (referred to as coastal videometry) make it possible to describe physical processes at a wide range of spatial (from centimetres to several kilometres) and time (from seconds to years) scales, something unthinkable until very recently.

A coastal videometry system consists of cameras to capture images from a fixed viewpoint at known intervals. The products delivered by processing of the resulting images and the referencing of this information using photogrammetric techniques provide direct information of great value to understanding and monitoring different coastal processes. In this respect AZTI has developed its own system, named KostaSystem ([www.kostasystem.com](http://www.kostasystem.com)).

The type of information supplied by these videometry systems will improve knowledge and management of the uses made of La Laja beach, generating information of public use and also, over a longer timescale, yielding information about the processes that govern coastal dynamics, which will be of great scientific value.



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### **Specific technical requirements:**

The service required is to implement a technological data centre to integrate the set of up to 25 KostaSystem-type coastal videometry systems, largely employing 2-3 cameras each.

This must include:

- Infrastructure to store at least 14 TB (including system of backup copies)
- 2 PCs, (Linux OS, minimum features: 4 CPU, 8 GB of RAM, 240 SSD, Gigabit Ethernet) one to handle storage and backup and another for viewing and as web server.
- Processing infrastructure to generate advanced products (Windows OS, minimum features: 8 CPU, 16GB RAM, 240GB SSD, Gigabit Ethernet).
- Internet connectivity: dedicated 1Gbps symmetrical fibre optic line with fixed IP.
- Storage, processing and viewing infrastructure start-up service.
- Service of starting up a system for real-time monitoring of the status of stations, the data flow and the operativity of the data centre.
- Integration of pilot stations and validation of management of basic and advanced products of KostaSystem.
- Integration of the existing network (25 stations) into the management system.
- Delivery of a business plan for the KOSTASystem Data Centre to include:
  - o Preventive and corrective maintenance of the data centre.
  - o Systematic daily review of the accessibility and operational status of all the stations in the system.
  - o Direct action to deal with incidents and faults.
  - o Coordination of actions to re-establish the service.

Credit will be given for the following:

- Details of the equipment architecture.
- A detailed execution plan.
- The technical equipment at the disposal of the data centre and the data flow from the KostaSystem network of stations.
- Proposals to improve on the maintenance and management of the data centre, the operativity of the stations and the data flow.