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Tender

The Subsea Soundscape (S3) Program Procurement

CELTIC SEA POWER LIMITED

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-007529

Procurement identifier (OCID): ocds-h6vhtk-04e8a6 ([view related notices](#))

Published 28 February 2025, 1:39pm

Scope

Reference

The Subsea Soundscape (S3) program Procurement

Description

The purpose of this Procurement is to procure for at-sea mooring units, equipped with state-of-the-art broadband acoustic recorders, pop-up acoustic retrieval systems and tag detection capabilities, and delivered to a workshop in Pembrokeshire, Wales, that will be deployed with CTD environmental sampling at service intervals to maximise data capture. S3 will deploy up to 21 remote systems across the Celtic Sea, each consisting of an acoustic release, a fish tag detector, a hydrophone, and a cetacean click-train logger. Where feasible, preference will be given to integrated solutions that combine multiple components-such as fish tag detection and acoustic release-into a single unit to enhance efficiency and deployment simplicity. The total budget of the Contract is £303,000

Total value (estimated)

- £303,000 excluding VAT
- £363,600 including VAT

Above the relevant threshold

Contract dates (estimated)

- 21 April 2025 to 1 August 2025
- 3 months, 11 days

Main procurement category

Goods

CPV classifications

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 73000000 - Research and development services and related consultancy services

Contract locations

- UK - United Kingdom

Participation

Legal and financial capacity conditions of participation

During the duration of the contract and for a period of six years afterwards the Supplier

shall maintain in force the following insurance policies with reputable insurance companies:

- (a) public liability insurance for not less than £5 million per claim with no limit on the number of such claims; and
- (b) product liability insurance for not less than £1 million for claims arising from any single event and not less than £1 million in aggregate for all claims arising in a year; and
- (c) a comprehensive policy of insurance to cover the liability of the Supplier in respect of any act or omission for which it may become liable to indemnify the Customer for arising out of or in connection with these Conditions.

On taking out and on renewing each policy, the Supplier shall promptly send a copy of the receipt for the premium to the Customer. On the Customer's written request, the Supplier shall provide the Customer with copies of the insurance policy certificates and details of the cover provided.

Technical ability conditions of participation

For the Technical Criteria, in the form of a proposal which meets each of the Requirements set out in paragraph 3 in the ITT

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Enquiry deadline

24 March 2025, 12:00pm

Tender submission deadline

31 March 2025, 12:00pm

Submission address and any special instructions

Bidders and Key Sub-Contractors must register on the Central Digital Platform (<https://www.gov.uk/find-tender>) and upload their organisational information. This must be done before the Tender Response Deadline.

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

7 April 2025

Award criteria

Name	Description	Type
Hydrophone and integrated recorder x 23	<p>Essential Requirements: • Minimum sampling frequency of 192 kS/s, capable of maintaining a 50% duty cycle for at least 4 months. • Memory: Includable SD cards. Removable/swappable in field conditions. • Power Supply: Removable/swappable in field conditions. • Software: Real-time re/deployment software operable in field conditions. • Housing: Watertight/pressure-tight housing rated to 150 meters (maximum depth). • Hydrophone integrated into recorder body, ensuring consistent angle positioning. • Mounting brackets for attachment to underwater mooring or sub surface line</p> <p>Added Value: • Ability to collect data at the specified rates for 6 months. • Preferred rechargeable power system (batteries). • Multiple Channels: Enable "low" frequency and "high" frequency sampling on differing duty cycles. • Variable Gain functionality for enhanced adaptability.</p>	Quality

Name	Description	Type
CTD (Conductivity, Temperature, Depth) Sensor x 1	<p>Essential Requirements: •</p> <p>Depth Rating: Operational to depths of up to 150 meters. •</p> <p>Wifi compatibility: Wireless data retrieval in field conditions. Components: •</p> <p>Conductivity, Temperature, and Depth sensor. • Protection during deployment and retrieval. • Transit Case Added Value: • Lead Times: Short lead times for delivery of 1 unit will be a high scoring variable. This will be assessed via the evaluation matrix. This consists of various questions with a pass/failure or scored criteria.</p>	Quality
Cetacean Click Train Recorder x 21	<p>Essential Requirements: •</p> <p>Functionality: Optimized for cetacean acoustic monitoring •</p> <p>Manufacturers to provide compatible analysis software to ensure collected data can be processed. • Depth Rating: Operational to a minimum depth of 150 meters. • Battery Life: Capable of operating for a minimum of 6 months with at least a 50% duty cycle. Added Value: • Lead Times: Short lead times for delivery of 21 units will be a high scoring variable. This will be assessed via the valuation matrix. This consists of various questions with a pass/failure or scored criteria.</p>	Quality

Name	Description	Type
Fish Tag Detector x 21	<p>Essential Requirements: • Capabilities: Able to detect 69 kHz acoustic tags. • Depth Rating: Operational to a minimum depth of 150 meters. • Battery Life: Minimum operational duration of 6 months. • Power Management: Programmable power levels to optimize performance and extend battery life. Added Value: • Integration Preference: Suppliers who can offer an integrated fish tag detector and acoustic release system, where feasible, will be awarded higher scores for design efficiency and deployment simplicity. • Lead Times: Short lead times for delivery of 21 units will be a high scoring variable. This will be assessed via the evaluation matrix. This consists of various questions with a pass/failure or scored criteria.</p>	Quality

Name	Description	Type
Acoustic Release Device x 21	<p>Essential Requirements: • Depth Rating: Capable of functioning to depths of up to 150 meters. • Additional Features: Must be compatible with a manual tracking receiver. • A line canister suitable to store a minimum of 200 m of recovery line suitable to lift the deployed equipment back to surface and vessel deck. Mooring weight is around 120 kg plus another ~ 30 kg sensors = 150 kg actual dry weight (x 3 for safety factor = ~ 500 kg breaking strength for the recovery line). Added Value: • Battery life: A minimum battery life of 6 months, but preference for 9 months or more. • Integrated failsafe mechanism / timed release • Lead Times: Short lead times for delivery of 21 units will be a high scoring variable. This will be assessed via the evaluation matrix. This consists of various questions with a pass/failure or scored criteria.</p>	Quality

Name	Description	Type
Manual Tracking Receiver & Transponder / smart hydrophone (1x/1x)	Essential Requirements: • Functionality: Equipped with GPS positioning for precise localization of acoustic release devices, detect health statistics, and monitor/decode transmitters and will trigger the acoustic release system. Added Value: • Lead Times: Short lead times for delivery of 1 unit will be a high scoring variable. This will be assessed via the evaluation matrix. This consists of various questions with a pass/failure or scored criteria.	Quality
Key Dates	Provide an outline of how the Bidder will deliver the Scope of Work to the required schedule. Added Value: Lead Times: Short lead times for delivery of will be a high-scoring variable. Please provide a Gantt chart for the project schedule and a list of key dates for assessment.	Quality
Health and Safety	Bidders will be required to confirm that they can comply in full with the health and safety obligations under the Contract, including the Services Specification	Quality

Weighting description

CSP will evaluate the Bidders' Tender Responses on the basis of the Most Advantageous Tender.

Bidders must:

(a) provide responses for the Technical Criteria in the form of a proposal which meets each of the Requirements set out.

(b) provide responses for the Commercial Criteria by completing the Commercial Response Document

(c) provide responses for the Social Value Criteria by responding to the question set out

(d) complete the Certificate of Tender in the form set. This requires Bidders to unconditionally accept the terms of the Contract.

A Tender Response shall "Fail" and be rejected if the Bidder does not confirm it unconditionally accepts the terms of the Contract. If the successful Bidder attempts to make amendments before entering into the Contract, CSP reserves the right to exclude the Bidder and award the Contract to the next ranked bidder in the Procurement.

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Other information

Payment terms

As described in the ITT

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Documents

Associated tender documents

[Celtic Sea Power - S3 Procurement - Open Procedure Invitation to Tender - Final.pdf](#)

The Subsea Soundscape Project (S3) Open Procedure ITT

[CSP S3 Open Procedure ITT Schedule 1 Final.pdf](#)

The Subsea Soundscape (S3) Open Procurement ITT Schedule 1

[The Subsea Soundscape Project Procurement Commercial Response Document.xlsx](#)

The Subsea Soundscape (S3) Open Procurement- Schedule 1

[Supply of Goods Agreement - Short Form \(_500k\) - Celtic Sea Power Final.pdf](#)

Supply of Goods Agreement

Contracting authority

CELTIC SEA POWER LIMITED

- Companies House: 10166467
- Public Procurement Organisation Number: PYHH-5632-MHZH

Chi Gallos Hayle Marine Renewables Business Park

Hayle

TR27 4DD

United Kingdom

Contact name: Brad Davies

Email: tenders@celticseapower.co.uk

Website: <http://www.celticseapower.co.uk>

Region: UKK30 - Cornwall and Isles of Scilly

Organisation type: Public authority - sub-central government

Devolved regulations that apply: Wales