

## Invitation to Tender

Multi-Purpose Electrified Animal Management System

ATC 001

## 1 Background/Introduction

ABS Cornwall Ltd, part of an international organisation, are managing a project to implement a globally unique holistic, full biosecurity system, to eradicate bovine TB in Cornwall by isolating and decontaminating all disease transmission interfaces. This system has been proven in New Zealand and Australia.

Our system involves accurate testing, innovative new fencing techniques to isolate infected vectors, removal of all infected vectors, full environmental decontamination, and long-term risk management.

A critical part of our solution is the Multi-Purpose Electrified Animal Management System. That System will need to be able to:

- Separate different animal populations currently occupying the same space
- Keep those animals separate while enabling movement between spaces
- Provide a barrier between fields and farm premises
- Prevent animals leaping over, or burrowing under the fencing system
- Be able to operate in a large configuration, with a length of at least 50km in one management system
- Be managed from any point in the system.

Our project aims to start in late February 2018 in Cornwall. Our first test farm will be a beef/mixed farm in Northern Cornwall. We are currently finalising the second farm, which will be a dairy farm in Central Cornwall.

The purchase of this system is part of a grant funded application process and therefore procurement will be subject to grant approval of the project as a whole. We will compare tenders received on a compliance basis only.

## 2 Project Specifications

The system we require must:

- 2.1 Be in temporary and permanent forms
- 2.2 Both forms must be supplied in fixed length kits of 400 metres
- 2.3 The permanent version must have a minimum 25-year guarantee on all posts placed in the ground
- 2.4 The temporary fence version must enable speedy deployment and retrieval, and be easily stored
- 2.5 Consist of two Fences, both height adjustable, to enable specific configuration;
  - 2.5.1 One fence with a minimum 5 electrified wires at heights above ground level of 3cm, 15cm, 30cm, 60cm, 90cm
  - 2.5.2 The other fence with a minimum 3 wires at heights above ground level of 0-3cm, 10-11cm, 20-22cm
  - 2.5.3 These two different size fences must be capable of 15cm to 20cm separation within one system
- 2.6 Be able to separate animals as large as horses or bulls from small animals such as rabbits, ferrets, and badgers.
- 2.7 Include earthing nets which have two functions:
  - 2.7.1 Prevent wildlife burrowing underneath in close proximity to the fence;
  - 2.7.2 Provide a maximum of conductivity when animals touch the wires.
- 2.8 Comprise components that can be used individually in association with existing permanent fencing
- 2.9 Require minimum clearance of plant material
- 2.10 At least two different electrified egress systems;
  - 2.10.1 One that enables vehicles of 50 tonnes laden weight to enter and exit an area without the need to stop and activate the system
  - 2.10.2 The other requiring human activation.
- 2.11 Remote control and fault finder that can be used to manage the system from any point on the fence
- 2.12 Fault signalling to base unit and via SMS text message to remote location

2.13 Energisers with the following characteristics:

2.13.1 Permanent Fence;

2.13.1.1 Single Wire Distance: 240km minimum

2.13.1.2 Multi Wire Distance: 80km minimum

2.13.1.3 Stored Energy: minimum 28 Joules

2.13.1.4 Output Energy: 15.5 Joules minimum

2.13.1.5 Fully compliant with IEC60335-2-76 or equivalent

2.13.2 Temporary Fence

2.13.2.1 Solar powered energiser capable of powering at least 800 meters of fence

In addition we require:

2.14 A complete service, including

2.14.1 Delivery of the required number of kits to our office at Deer Park Farm, Lockett, Callington, Cornwall, United Kingdom PL17 8NW

2.14.2 Ground preparation - This will entail scraping with a blade to level the ground to create a 2 metre wide base. Quote per 400 metre kit.

2.14.3 Fence installation by qualified staff

### 3 ITT Timetable

The anticipated timetable for submission of the tender and commission milestones are set out below:

Activity	Date
Date ITT available on Contracts Finder	09/01/18
Last date for raising queries	18/01/18
Last date for clarifications to queries	22/01/18

Deadline to return ITT	23/01/18
Evaluation of ITT	31/01/18
Award of Contract	This is subject to successfully obtaining grant funding and will normally be no later than 90 days from contract evaluation

## 4 Conflicts of Interest

Please provide a statement with regards to a conflict of interest for this procurement through the provision of either:-

A Declaration that to your knowledge there is no conflict of interest between your company and **ABS Cornwall Ltd** that is likely to influence the outcome of this procurement either directly or indirectly through financial, economic or other personal interest which might be perceived to compromise their impartiality and independence in the contexts of this procurement procedure.

Or

A Declaration that there is a likely conflict of interest between your company and **ABS Cornwall Ltd** that is likely to influence the outcome of this procurement either directly or indirectly through financial, economic or other personal interest which might be perceived to compromise their impartiality and independence in the contexts of this procurement procedure, please provide details of this connection.

This will permit **ABS Cornwall Ltd**, that in the event of a conflict of interest, appropriate steps are taken to ensure that the evaluation of any submission will be undertaken by an independent and impartial party.

### Exclusion

**ABS Cornwall Ltd** shall exclude applicants from participation in this procurement procedure where they have established or are otherwise aware that the applicant, to include administrative, management or supervisory staff that have powers of representation, decision or control of the applicants company, has been the subject of a conviction by final judgment of one of the following reasons:-

Participation in a criminal organisation

Corruption

Fraud

Terrorist offences or offences linked to terrorist activities

Money laundering or terrorist financing

Child labour and other forms of trafficking in human beings

## 5 Consortium or sub-contracting

Where a consortium or sub-contracting approach is proposed, all information requested should be given in respect of the proposed prime contractor or consortium leader. Relevant information should also be provided in respect of consortium members or sub-contractors who will play a significant (greater than 25%) role in the delivery of the services under any ensuing Contract.

## 6 Tender Application Requirements

Please provide paper copies of your application which should include:

1. Confirmation that **you the supplier** are able to meet the requirements outlined in the brief above.
2. **Dated** your response, used our company's full postal address (albeit your submission might be by email) and included the **Reference: ATC 001**
3. Details of who to **contact** in your company in relation to this tender
4. **Company registration Number and VAT number (if appropriate)**
5. Total cost of providing the goods/services requested in the format required with a breakdown to include:
  - Materials cost per kit – individual item breakdown
  - Installation costs per kit – individual item breakdown
  - Itemised other costs
  - Unknown variables

## 7 Tender Scoring Criteria

The tender will be scored only on their compliance to the specification set out in section 2 and awarded to the lowest compliant tender.

## 8 Tender Returns

Tenders may be returned by email or post, or by delivery in person.

Tenders are to be returned by:-

Latest date to be returned: 23/01/18

Latest time to be returned: 17.00

If submitting by **email**, tenders should be sent electronically to kevin.greaney@agriculturalbiosecurityservices.co.uk with the following message **clearly noted in the Subject box**; "Multi-Purpose Electrified Animal Management System - ATC 001"

Tenderers are advised to request an acknowledgement of receipt when submitting by email.

If submitting by post or in person, the Tender must be enclosed in a sealed envelope, only marked as follows:-

Tender - Strictly Confidential – "Multi-Purpose Electrified Animal Management System - ATC 001"

Contract Reference Number: ATC 001

Addressed to:

Kevin Greaney

Director

ABS Cornwall Ltd.

Deer Park Farm

Luckett

Callington

Cornwall

United Kingdom PL17 8NW

The envelope should not give any indication to the Tenderer's identity. Marking by the carrier will not disqualify the tender.

If delivery **by hand** please obtain an official Receipt at point of delivery

## 9 Clarification

There will not be any negotiations of any of the substantive terms of the Tender Documents. Only clarification queries will be answered. Any clarification queries arising from the Tender Documents which may have a bearing on the offer should be raised as soon as possible in writing. The deadline for clarification questions is 5 days before the submission date. All e-mailed queries should be sent to:-

Name: Kevin Greaney

E-mail: kevin.greaney@agriculturalbiosecurityservices.co.uk

No representation by way of explanation or otherwise to persons or corporations tendering or desirous of tendering as to the meaning of the tender, Contract or other Tender Documents or as to any other matter or thing to be done under the proposed contract shall bind us unless such representation is in writing and duly signed by Kevin Greaney of ABS Cornwall Ltd. All such correspondence shall be returned with the Tender Documents and shall form part of the Contract.

Tenderers must provide a single point of contact in their organisation for all contact between the Tenderer and ABS Cornwall Ltd

Responses to any queries will be shared through Contracts Finder website

## 10 Disclaimer

The issue of this documentation does not commit ABS Cornwall Ltd to award any contract pursuant to the bid process or enter into a contractual relationship with any provider of the service. Nothing in the documentation or in any other communications made between ABS Cornwall Ltd or its agents and any other party, or any part thereof, shall be taken as constituting a contract, agreement or representation between ABS Cornwall Ltd and any other party (save for a formal award of contract made in writing by or on behalf of ABS Cornwall Ltd).

Bidders must obtain for themselves, at their own responsibility and expense, all information necessary for the preparation of their tender responses. Information supplied to bidders by ABS Cornwall Ltd or any information contained in ABS Cornwall Ltd's publications are supplied only for general guidance in the preparation of the tender response. Bidders must satisfy themselves by their own investigations as to the accuracy of any such information and no responsibility is accepted by ABS Cornwall Ltd for any loss or damage of whatever kind and howsoever caused arising from the use by bidders of such information.

Bidders shall be responsible for their own costs and expenses in connection with or arising out of their response. ABS Cornwall Ltd reserves the right to vary or change all or any part of the basis of

the procedures for the procurement process at any time or not to proceed with the proposed procurement at all.

Cancellation of the procurement process (at any time) under any circumstances will not render ABS Cornwall Ltd liable for any costs or expenses incurred by bidders during the procurement process.