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Planning

## **Mobile Assets tracking, monitoring and reporting contract**

ENVIRONMENT AGENCY (Defra Network eTendering Portal)

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-011987

Procurement identifier (OCID): ocds-h6vhtk-0451d8

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### **Section I: Contracting authority**

#### **I.1) Name and addresses**

ENVIRONMENT AGENCY (Defra Network eTendering Portal)

Seacole Building, 2 Marsham Street

London

SW1P 4DF

#### **Contact**

Pippa Hicks

#### **Email**

[pippa.hicks@defra.gov.uk](mailto:pippa.hicks@defra.gov.uk)

#### **Telephone**

+49 12345678

#### **Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>

Buyer's address

<https://defra-family.force.com/s/Welcome>

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Ministry or any other national or federal authority

**I.5) Main activity**

Environment

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Mobile Assets tracking, monitoring and reporting contract

#### **II.1.2) Main CPV code**

- 71700000 - Monitoring and control services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

The requirement of this Contract is the appointment of a contractor to provide for:

- Tracking
- Remote monitoring
- Reporting

of pumps, barrier stillages, and other auxiliary equipment. A maximum of 1500 separate pieces of equipment.

Contract length will be 8 years, with a maximum of £5.0 million.

#### **II.1.5) Estimated total value**

Value excluding VAT: £5,000,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 50111100 - Vehicle-fleet management services

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

## II.2.4) Description of the procurement

To summarise, the Contractor is required to maintain a GPS based tracker platform and mobile app, on behalf of the EA, for all suitable equipment. This system should include:

- Track all equipment including pump stock, flood barriers and some ancillary equipment
- Administration and management of the tracking platform web based and mobile app
- A facility to carry out maintenance on tracker system transponders as required
- Remote monitoring of pumps
- Provide reports showing a wide range of management information
- Ensure platform is compatible with EA systems.

Detailed specification for tracking and reporting of mobile pumps.

We have listed below a list of must have reporting parameters, below and will help us improve our overall efficiency as a team in the way we manage and operate our mobile assets.

Therefore, these reporting streams must be acquired to fulfil the following needs:

- Current position (real time)
- Historical movement reporting
- Status (on / off)
- Battery level / voltage

Pump remote monitoring requirement:

- Fuel level
- Ad blue level (if equipped)
- Temperature
- Oil pressure
- Oil level
- Suction pressure
- Discharge pressure
- Total hours
- RPM
- Pump operation state (auto / manual)
- Autonomous control of the pump
- Live view (camera?)
- Ability to hold historical data
- Asset function alarm notification system
- Remote interrogation of issues/HealthCheck reporting
- Any possible future technological innovation

We understand that this list of reporting parameters may be limited by the technology available e.g. Tier 3 pumps vs tier 5 pumps, however access to this information would also allow a more structured refuelling/maintenance/diagnosis, regime thus making incidents particularly more carbon efficient.

Location tracking of barriers and other auxiliary equipment

There is a specific requirement to be able to report accurately on the location of Mobile Assets and on other auxiliary equipment e.g. generators, eel strainers, metal stillages,

lighting towers etc.

- Live location tracking
- Detailed mapping
- Reporting of movements

Technology requirement:

- It is an essential requirement to be available not only on desktop via PC/Laptop but also on a mobile device via an app or other accessible API.
- It is also essential that the raw data from our assets must be owned by the EA and should be in a format that can be shared if we need to, for use with third parties.
- There may be a requirement for GPS equipment with a high IP rating due to the nature of some of the mobile asset fleet.

#### **II.2.14) Additional information**

Please register your interest for the tender by emailing [pippa.hicks@defra.gov.uk](mailto:pippa.hicks@defra.gov.uk).

Whilst we are not intending to carry out a RFI at this stage, we would like to gauge the market and should there be sufficient interest, an RFI may be carried out.

#### **II.3) Estimated date of publication of contract notice**

3 June 2024

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: No