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Tender

040-0821OET UAV with VNIR/SWIR/LiDAR/GPS/IMU Solution

Agri-EPI Centre

F02: Contract notice

Notice identifier: 2021/S 000-019290

Procurement identifier (OCID): ocds-h6vhtk-02d2c9

Published 10 August 2021, 10:35am

Section I: Contracting authority

I.1) Name and addresses

Agri-EPI Centre

Northern Agri-Tech Innovation Hub, Easter Bush

Roslin

EH25 9RG

Contact

AEC Limited

Email

procurement@agri-epicentre.com

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://www.agri-epicentre.com/>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA30410

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

https://ne1procurementsservices.com/content/live_tenders.php

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://ne1procurementsservices.com/content/live_tenders.php

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

https://ne1procurementsservices.com/content/live_tenders.php

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research & Technology Agriculture

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

040-0821OET UAV with VNIR/SWIR/LiDAR/GPS/IMU Solution

Reference number

040-0821OET

II.1.2) Main CPV code

- 35613000 - Unmanned aerial vehicles

II.1.3) Type of contract

Supplies

II.1.4) Short description

AEC require a ready-to-fly small unmanned aircraft vehicle (SUA/UAV) system with (ideally) fully-integrated co-aligned hyperspectral visible and near-infrared (VNIR) and short-wave infrared (SWIR) (400 – 2500nm) and LiDAR sensors, along with in-flight data capture and storage system. To enable data to be captured to high geolocation accuracy, the system must be fitted with high performance GNSS/GPS and IMU. The system package is to include all software needed for data integration, post-processing and mission planning to enable the full utilisation of the payload attached/integrated to the UAV. We are looking for delivery of the solution mid-end November 2021.

II.1.5) Estimated total value

Value excluding VAT: £200,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

AEC require a ready-to-fly small unmanned aircraft vehicle (SUA/UAV) system with (ideally) fully-integrated co-aligned hyperspectral visible and near-infrared (VNIR) and short-wave infrared (SWIR) (400 – 2500nm) and LiDAR sensors, along with in-flight data capture and storage system. To enable data to be captured to high geolocation accuracy, the system must be fitted with high performance GNSS/GPS and IMU. The system package is to include all software needed for data integration, post-processing and mission planning to enable the full utilisation of the payload attached/integrated to the UAV. We are looking for delivery of the solution mid-end November 2021.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

Yes

Description of renewals

4 x 12 months

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: Yes

Description of options

Described within the ITT documents

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

9 September 2021

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Tender must be valid until: 8 November 2021

IV.2.7) Conditions for opening of tenders

Date

10 September 2021

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

Bids to include for the supply of an initial 'essential spares' package, on-site instruction/training in equipment assembly and operation and in use of the software, containers for equipment storage and transport, and a comprehensive warranty.

The successfully awarded Bidder(s) must confirm that the equipment will be fully supported in the event of breakdown or malfunction. Further, upon award, the Bidder(s) must fully-test and quality control the system prior to shipping, providing sample data acquired by the supplied system itself. All components must be co-bore sighted, and alignment and offset calculations provided (precise offset coefficients for pitch, roll, yaw) etc.

Beyond the usual free 12 or 24 months inclusive service and warranty situation which also must include any software module update free of charge too, we would need bidders to be able to provide additional optional 3 – 5 years warranty and servicing package including the above updates and a further optional 5 – 10 year package too if available.

Ideally, free data connectivity is important and bidders are expected to provide this so that we can interface, extrapolate and manipulate data without charge to us as the Authority from the device and bidders should explain how this will be conveyed in their bid response.

Costs of delivery, installation, set up and commissioning of all items, training, data management and technical support must also be conveyed and included as part of bidders responses within this document.

The scope of this requirement can also include delivery, training, familiarisation, installation and disposal of any of the above or future related or bespoke items.

The scope of the requirement can also include any maintenance, servicing, logistics and storage of the above items.

(SC Ref:663388)

VI.4) Procedures for review

VI.4.1) Review body

High Court

Strand, City of Westminster

London

Country

United Kingdom