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Contract

UKRI-2434 SemiProbe PS4L FA12 Probe Station

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2022/S 000-026747

Procurement identifier (OCID): ocds-h6vhtk-036b22

Published 23 September 2022, 4:05pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

<https://www.ukri.org/>, North Star Avenue

Swindon

SN2 1FL

Contact

Elizabeth Gage

Email

Elizabeth.Gage@ukri.org

Telephone

+44 1793867000

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.ukri.org/>

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKRI-2434 SemiProbe PS4L FA12 Probe Station

Reference number

UKRI-2434

II.1.2) Main CPV code

- 33141641 - Probes

II.1.3) Type of contract

Supplies

II.1.4) Short description

The ATLAS UK ITk community presently uses a semi-automatic probe station, located at RAL, to test wafers of Application Specific Integrated Circuits (ASICs) used in production of the ITk Strip detector. Approximately 250 wafers remain to be tested over the course of the next year. The maximum throughput of this system is approximately two wafers per day, and this requires working times to be staggered such that one wafer may be loaded in the morning, and one in the early evening. Just as the Strip work starts to wind down, deliveries of Pixel wafers will begin, potentially another two years of work.

We wish to reduce the effort burden associated with this process by moving to a fully automatic system, capable of running unattended wafer tests for a batch of up to 50 wafers. As the system will now be able to process wafers 24/7, throughput will be increased by 80%.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: 399,905.6 USD

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

II.2.4) Description of the procurement

We wish to improve the efficiency and throughput of our wafer test processes by purchasing a fully automatic probe station, in which an automated arm can execute the wafer loading procedure unattended, facilitating wafer tests 24 hours a day, seven days a week.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

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

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
 - absence of competition for technical reasons

Explanation:

There are multiple technical reasons, firstly -SemiProbe systems present a common programming interface to the companion data acquisition systems used to run the wafer tests, facilitating the easy transfer of projects between the two systems according to demand. Secondly as SemiProbe systems share a common user interface, meaning that operators need only be trained on one machine. Lastly, the modular approach of the SemiProbe company means that they are able to offer extended support for their products.

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

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

16 September 2022

V.2.2) Information about tenders

Number of tenders received: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Inseto (UK) Ltd

Focus 303 Business Centre

Andover

SP10 5NY

Telephone

+44 1264334505

Country

United Kingdom

NUTS code

- UK - United Kingdom

National registration number

02096377

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: 399,905.6 USD

Section VI. Complementary information

VI.3) Additional information

Procurement Contract Transparency Data: Redacted contract documents will be made available within the next 30 days on the UKRI website at: <https://www.ukri.org/about-us/procurement-contract-transparency-data/> ?

To view this notice, please click here:

<https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=722683978>

GO Reference: GO-2022923-PRO-21012354

VI.4) Procedures for review

VI.4.1) Review body

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