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Planning

Adoption of cheri technology (PIN")

DESNZ & DSIT Group Commercial

F01: Prior information notice

Prior information only

Notice identifier: 2025/S 000-003821

Procurement identifier (OCID): ocds-h6vhtk-04dbde

Published 5 February 2025, 1:47pm

Section I: Contracting authority

I.1) Name and addresses

DESNZ & DSIT Group Commercial

london

Email

stuart.smith@dsit.gov.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.dsit.gov.uk

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

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Adoption of cheri technology (PIN")

Reference number

prj 4961

II.1.2) Main CPV code

- 73000000 - Research and development services and related consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

We are looking at holding a short presentation for prospective suppliers and are happy to receive questions / topics to be addressed during this session via email (before 10:00 AM on 12th February 2025) to stuart.smith@dsit.gov.uk or during the MS Teams meeting which we'll setup w/c 17th February 2025

Please express your interest in this opportunity via the email address above before 15:00 on 15th February

PRJ 4961 estimated value £800,000 ex VAT

The purpose of this PIN is to provide advance notice that the Department for Science, Innovation and Technology is considering undertaking a tender exercise to set up a new project related to technology development and adoption of CHERI (Capability Hardware Enhanced RISC Instructions).

Deploying technology that is secure by design reduces the risk of losses from cyber attacks, cuts the cost of ownership with fewer security updates, and creates competitive advantage, allowing businesses to create innovative systems built on secure foundations.

The Digital Security by Design programme has built and proven the efficacy of a CHERI, a new microprocessor architecture, securing systems at the silicon level, closing the door on security vulnerabilities that are exploited in 70% of cyber attacks.

The savings, benefits and competitive edge offered by CHERI can only be achieved once the design is adopted into the mainstream production environment. To realise the benefits of CHERI in a timely manner, additional effort will be required for its adoption.

The department wants to understand how we can convene a critical mass of businesses and funding to unblock the adoption pathway for CHERI and achieve adoption in real world applications at scale.

The department invites suggestions and feedback from the market on the scope of the Unlocking CHERI adoption project, including its lots and structure.

Once available the Invitation to tender documentation for this procurement may be freely accessed from the Department via the Jaggaer portal

The lotting structure of this framework will be determined following market engagement.

Duration in months: 9-12 months

This contract is subject to renewal: No

Price is not the only award criterion and all criteria will be stated only in the procurement documents.

Presentations will be made available after the session(s).

The department uses Jagger eSourcing Portal as its eSourcing tool. Jaggaer will be used for this competition. To register as a supplier, please visit www.jaggaer.com and follow the instructions to register as a supplier.

Please note that, to register, you must have a valid DUNS number (as provided by Dun and Bradstreet) for the organisation which you are registering, who will be entering into a

contract if invited to do so.

Services will be delivered primarily within the United Kingdom.

The estimated value is an indicative value over the lifetime of the framework.

The Cyber Essentials scheme is mandatory for Central Government Contracts which involve handling personal information and providing certain ICT products and services. The scheme defines a set of controls which, when properly implemented, will provide organisations with basic protection from the most prevalent forms of threat coming from the internet.

To participate in this procurement, bidders will be required to demonstrate that they are Cyber Essentials compliant for the services under and in connection with the procurement

Estimated timescale for any publication of a subsequent ITT is Mid-end March 2025

Price is not the only award criterion and all criteria will be stated only in the procurement documents.

II.1.5) Estimated total value

Value excluding VAT: £800

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 73100000 - Research and experimental development services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

UK

II.2.4) Description of the procurement

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II.3) Estimated date of publication of contract notice

23 April 2025

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: Yes

Section VI. Complementary information

VI.3) Additional information

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