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Tender

LongOps Next Generation Digital Mock Up

United Kingdom Atomic Energy Authority

F02: Contract notice

Notice identifier: 2021/S 000-030361

Procurement identifier (OCID): ocds-h6vhtk-02dc1a

Published 7 December 2021, 1:36pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Phil Perkins

Email

phil.perkins@ukaea.uk

Telephone

+44 1235467147

Country

United Kingdom

NUTS code

UKJ14 - Oxfordshire

National registration number

N/A

Internet address(es)

Main address

<http://www.gov.uk/government/organisations/uk-atomic-energy-authority>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/72814>

I.3) Communication

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

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=40996&B=UK

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=40996&B=UK

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Fusion Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

LongOps Next Generation Digital Mock Up

Reference number

T/PJP163/21

II.1.2) Main CPV code

- 72230000 - Custom software development services

II.1.3) Type of contract

Services

II.1.4) Short description

With rapidly advancing capability emerging from the field of robotic technology and systems engineering, UKAEA are seeking services to deliver innovation around a Next Generation Digital Mock-Up (NG-DMU). This would result in a platform that is essentially an aggregation of selected black-box software components that can be replaced or extended with minimal development effort, ultimately aiding the adoption of DMU tools by end-users.

The high-level outcomes of this task are:

- design techniques for architecting a DMU system that enabled rapid integration of new innovations,
- a proof-of-principle demonstration of these techniques by integrating software tools into a cohesive DMU,
- a core platform for demonstrating relevant innovations from throughout the LongOps programme, regarding LongOps end-user scenarios.

II.1.5) Estimated total value

Value excluding VAT: £600,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 72000000 - IT services: consulting, software development, Internet and support
- 72230000 - Custom software development services
- 72262000 - Software development services
- 73000000 - Research and development services and related consultancy services

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

With rapidly advancing capability emerging from the field of robotic technology and systems engineering, UKAEA are seeking services to deliver innovation around a Next Generation Digital Mock-Up (NG-DMU). This would result in a platform that is essentially an aggregation of selected black-box software components that can be replaced or extended with minimal development effort, ultimately aiding the adoption of DMU tools by end-users.

The high-level outcomes of this task are:

- design techniques for architecting a DMU system that enabled rapid integration of new innovations,
- a proof-of-principle demonstration of these techniques by integrating software tools into a cohesive DMU,
- a core platform for demonstrating relevant innovations from throughout the LongOps programme, regarding LongOps end-user scenarios.

II.2.5) Award criteria

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

II.2.6) Estimated value

Value excluding VAT: £600,000

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

Duration in months

25

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

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 III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

Refer to Procurement Documents for information.

III.1.2) Economic and financial standing

List and brief description of selection criteria

Refer to Procurement Documents for information.

Minimum level(s) of standards possibly required

Refer to Procurement Documents for information.

III.1.3) Technical and professional ability

List and brief description of selection criteria

Refer to Procurement Documents for information.

Minimum level(s) of standards possibly required

Refer to Procurement Documents for information.

III.2) Conditions related to the contract

III.2.2) Contract performance conditions

Refer to Procurement Documents for information.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Innovation partnership

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.2.1) Previous publication concerning this procedure

Notice number: [2021/S 000-021675](#)

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

Date

18 January 2022

Local time

12:00pm

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

English

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.4) Procedures for review

VI.4.1) Review body

UK Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

<https://www.gov.uk/government/organisations/uk-atomic-energy-authority>

VI.4.2) Body responsible for mediation procedures

UK Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

<https://www.gov.uk/government/organisations/uk-atomic-energy-authority>

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

VI.4.2)Body responsible for mediation procedures

VI.4.3)Review procedure

Precise information on deadline(s) for review procedures:

The authority will incorporate a minimum 10 calendar day standstill period at the point information on the award of the contract is communicated to tenderers.

This period allows unsuccessful tenderers to seek further debriefing from the authority before a contract is entered into applicants have 2 working days from the notification of the award decision to request. Additional debriefing and that information have to be provided within a minimum of 3 working days before the expiry of the standstill period. Such additional information should be sought from the contact named in this notice.

If an appeal regarding the award of a contract has not been successfully resolved, the Public Contracts Regulations 2015 (SI 2015 No. 102) provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rules to take action in the High Court (England, Wales and Northern Ireland).

Any such action must be brought promptly.

(generally within 3 months).

VI.4.4) Service from which information about the review procedure may be obtained

UK Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Country

United Kingdom

Internet address

<https://www.gov.uk/government/organisations/uk-atomic-energy-authority>