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Planning

Automated Sort and Segregate (Auto-SAS)

Nuclear Decommissioning Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-016004

Procurement identifier (OCID): ocids-h6vhtk-04693c

Published 21 May 2024, 12:39pm

Section I: Contracting authority

I.1) Name and addresses

Nuclear Decommissioning Authority

Herdus House Westlakes Science and Technology Park Moor Row

Cumbria

CA24 3HU

Contact

Maddie Jones

Email

madeline.jones@nda.gov.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/nuclear-decommissioning-authority>

Buyer's address

<https://www.gov.uk/government/organisations/nuclear-decommissioning-authority>

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Nuclear Decommissioning

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Automated Sort and Segregate (Auto-SAS)

II.1.2) Main CPV code

- 98391000 - Decommissioning services

II.1.3) Type of contract

Services

II.1.4) Short description

This project is an Innovation Partnership procurement route and therefore requires innovative ideas and solutions. The proposed contract duration will be over 4 years and will provide a deployed large-scale active demonstration (Technology Readiness Level (TRL) 6) of an autonomous waste sorting and segregation platform on an NRS site. The platform will be able to autonomously sort through nuclear waste and segregate into specific containers. The aim of the platform is to remove humans from harm, reduce the hazards associated with sorting and segregation processes and improve utilisation of the waste hierarchy and diversion routes.

The procurement will start with a 3 year off site design, development, and inactive demonstration and move to a 2 year installation and active demonstration phase. (Phase 2 will start during the 3 year period of Phase 1. However there will be a contract break before phase 2 commences)

These two phases will be awarded to a single supplier for £0-£9.5M in total.

Whilst the contract will be awarded by NDA, the contract management and project management will be led by NRS. The contract maybe novated over to NRS at a later date once awarded.

II.1.5) Estimated total value

Value excluding VAT: £9,500,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 42997300 - Industrial robots
- 71241000 - Feasibility study, advisory service, analysis
- 79723000 - Waste analysis services
- 73420000 - Pre-feasibility study and technological demonstration
- 79930000 - Specialty design services
- 73300000 - Design and execution of research and development
- 73000000 - Research and development services and related consultancy services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

This project is an Innovation Partnership procurement route and therefore requires innovative ideas and solutions. The procurement over 4 years will provide a deployed large-scale active demonstration (Technology Readiness Level (TRL) 6) of an autonomous waste sorting and segregation platform on an NRS site. The platform will be able to autonomously sort through nuclear waste and segregate into specific containers.' The aim of the platform is to remove humans from harm, reduce the hazards associated with sorting and segregation processes and improve utilisation of the waste hierarchy and diversion routes.

The procurement will start with a 3 year off site design, development, and inactive demonstration and move to a 2 year installation and active demonstration phase. (Phase 2 will start during the 3 year period of Phase 1. However, there will be a contract break before phase 2 commences) These two phases will be awarded to a single supplier for £0-£9.5M.

The procurement will be awarded by the NDA. The contract management and project management will be by NRS.

The NDA shall host an engagement event on 18th June 2024 10am – 12:30pm. To register your attendance please email: madeline.jones@nda.gov.uk for this requirement. Please type in the header "Auto SAS". This supplier event will be carried out via a

Microsoft teams conference, and a link will be shared prior to the proposed date. The NDA would like a maximum of 2 members of staff per supplier.

II.2.14) Additional information

71241000- Feasibility study, advisory service, analysis
73000000- Research and development services and related consultancy services
73300000- Design and execution of research and development
79421200- Project-design services other than for construction work
79723000- Waste analysis services
79930000- Specialty design services

II.3) Estimated date of publication of contract notice

1 December 2024

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