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Planning

Functional Safety Assurance Services at Weybridge

Defra Network eTendering Portal

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-013164

Procurement identifier (OCID): ocds-h6vhtk-03c740

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Section I: Contracting authority

I.1) Name and addresses

Defra Network eTendering Portal

17 Nobel House

London

SW1P 3JR

Contact

Ben Rawlings

Email

ben.rawlings@defra.gov.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>

Buyer's address

<https://defra-family.force.com/s/Welcome>

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

National or federal Agency/Office

I.5) Main activity

Environment

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Functional Safety Assurance Services at Weybridge

II.1.2) Main CPV code

- 71317210 - Health and safety consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

Services are expected to include:

Management and implementation of site-specific FSM Policy. To include guidance on managing all relevant subcontractors with regard to FSM.

Generation, ownership and maintenance of a FSM action tracker, with the need to integrate this function with existing site action tracking functions (the action tracker and associated documentation/software to be owned by the Employer).

Development and maintenance of associated plans, processes and procedures for FSM, to be owned by the Employer, to include all standards and areas relevant to IEC 61508 and IEC 61511 (e.g. safety requirement specifications, LOPA, risk assessment, SIL studies, change control, verification and validation, testing procedures, etc.)

Undertake a Functional Safety Systematic Capability Assessment (FSSCA) for the facility based on the techniques and measures to avoid systematic errors in Annex A, B and C of IEC 61508 Parts 2 and 3. This shall involve production of Functional Safety Management System Assessment, Report Compliance Matrix and Systematic Capability Assessment Report.

Development of FSM-related KPIs and audit mechanisms/metrics, together with associated tools for integration into the wider Employer assurance programme.

Perform Functional Safety Assessments at appropriate stages and produce IEC 61511 Functional Safety Assessment Reports and Gap Reports.

Identification of applicable regulatory requirements, ensuring compliance with all aspects.

Delivery

Acting in the role of Defra's functional safety arm on a project by project basis until such time as Defra employs and adequately integrates a functional safety engineer into the Defra assurance team.

Ensuring availability of relevant competent personnel (as defined in the ISC and HSE

standards and relevant guidance) at agreed resource and response levels with the Employer. It is anticipated that Defra will require continuity by provision of named individuals throughout the contract period.

Providing advice as to when and how relevant FSM and wider HSEQ standards apply to the work Defra undertakes, including for example identifying and undertaking appropriate methodologies to deliver FSM in accordance with the standards appropriate to the microbiological estate. This will include but not necessarily be limited to leading and chairing new/reviewing existing; hazard ID, safety studies, risk assessments (including drafting method statements, risk matrices, etc.), undertaking functional safety assessments and SIL determination and associated testing procedure templates, together with associated reporting.

Reviewing M&E and process engineering design documentation and O&M information and expertly comparing that with relevant standard requirements and against the physical aspects of the facility and associated software in the field, including an ability to walk down systems, and proposing/reviewing required remedial actions and modifications as appropriate.

Producing Safety Requirements Specifications (IEC 61511–SIS), IEC61511 Functional Safety Management Plan, SIS Risk Register, Verification & Validation Test Plan/Report, together with an ability to proof test and review associated procedures, together with any necessary approvals in association with Defra.

Provide a competent FSM engineer to undertake functional safety systems and process activities

Provide regular progress and cost reports setting out previous, current and future anticipated expenditure, on an activity by activity basis split down by resource.

Provide functional safety oversight and support as necessary to meet the business and as directed by the Employer

System maintenance

Acting in role of trainer/mentor, working alongside Defra's in-house functional safety personnel to ensure a smooth and adequate transition to the role of in-house FSM engineer throughout the period of the contract.

II.1.5) Estimated total value

Value excluding VAT: £3,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 71317200 - Health and safety services

II.2.3) Place of performance

NUTS codes

- UKI - London

Main site or place of performance

Woodham Lane, Addlestone, KT15 3NB

II.2.4) Description of the procurement

This is a Prior Information Notice relating to an upcoming opportunity. A short draft summary of the scope of services can be found in section II.1.4.

Please email ben.rawlings@defra.gov.uk to obtain a full version of the draft scope of services and to register your interest in the opportunity.

II.2.14) Additional information

Please note I am on leave w/c 8th May, emails will be processed on my return.

II.3) Estimated date of publication of contract notice

26 June 2023

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