**Title:** Enterprise Data Analytics Development & Support

**Type of Procedure:** Crown Commercial Service (CCS) Digital Outcomes 6 and Services (DOS) Framework (LOT 1).

**Proposed/Estimated Completion Date Contract:** April 2024

**Contract Duration:** 1 years + 2 options (1 year + 1 year)

**Background:**

The Authority has delivered into service a cross classification data analytics platform1 (DAP) that includes an OFFICIAL SENSITIVE (OS) Azure cloud tenancy, an on-premises higher classification environment, and Cross Domain Gateway (CDG) that is due for delivery Q2 2024.

The currently contracted OS Azure Tenancy is hosted, owned, and managed by a single supplier. The on-premises environment is geographically separated and currently made up of Microsoft Azure Stack Hubs (ASH), with supporting Hosted Management Infrastructure (HMI).

**Description of work:**

Defence Equipment & Support (DE&S), Special Projects - Information Systems and Networks (SPISN) Delivery Team (DT) have a requirement for five separate outcomes to enable continuity and development of the in-service DAP:

* **Build of a new OFFICIAL SENSITIVE Azure cloud tenancy hosting**

**environment; then plan and execute a migration from the legacy**

**tenancy.**

* **Support of OFFICIAL-SENSITIVE Azure Cloud Platform.**
* **Support of SECRET ASH Platform.**
* **Option: Support of Cross Domain Gateway as a service.**

**The Authority strongly encourages collaboration across Industry to achieve the outcomes. This will be evaluated during Stage 1 down-selection.**

Build & Migrate OFFICIAL SENSITIVE Azure Tenancy:

The current contracted OFFICIAL SENSITIVE (OS) platform is hosted and managed within a supplier owned Azure Tenancy, where prescribed change limitations are placed upon users preforming day to day tasks.  The Authority and users must be empowered to deliver in an Agile, DevSecOps manner and technically enabled to carry out change on the platform in line with evolving user requirements, without restrictions being placed by a supplier.

The design and build of an OS Cloud Solution utilising where appropriate existing build guides is required within an Authority owned tenancy offering. The existing platform is currently a combination of infrastructure as code and manual build; however, the user requires a platform that is as far as practical all infrastructure as code. There will also be a need to migrate appropriate infrastructure as code and existing workloads from the current OS tenancy to the Authority owned Azure tenancy.

Working in unison with the Authority and collaboration with suppliers that currently support the existing OS Cloud and SECRET platforms is a prerequisite.

Support to OFFICIAL SENSITIVE Azure Cloud:

To provide platform infrastructure2, security management, support, and continuous development of an OFFICIAL SENSITIVE Cloud Azure tenancy within an Authority owned environment. The platform use case is for the development, hosting & exploitation of deployed data analytical products and tools.

Suppliers will be required to work in unison with other suppliers as directed by the Authority, to enable the successful outcomes of the product delivery lifecycle. Additionally, enable the integration of other components within the Enterprise Data Analytics solution.

Support to SECRET ASH:

To provide platform infrastructure support and continued development of a geographically separated on-premises SECRET platform. The Data Analytics Platform is currently hosted on Azure Stack Hubs, with associated management infrastructure. The platform use case is for the development and hosting & exploitation of deployed data analytical products and tools.

Suppliers will be required to work in unison with other suppliers as directed by the Authority, to enable the successful outcomes of the product delivery lifecycle. Additionally, enable the integration of other components within the Enterprise Data Analytics solution.

Service management functions aligned to ITIL (Information Technology Infrastructure Library) 4, encompassed within an agile framework.

The Authority requires a route to market to enable the swift procurement of hardware to meet User requirements throughout the project lifecycle. The hardware will be necessary to support an existing cross-classification Data Analytics Platform (OFFICIAL SENSITIVE Cloud & SECRET on-prem), with a Cross-Domain Gateway.

**Option under Support to SECRET:**

Support to Cross Domain Gateway (CDG) as a Service: The Authority will require ongoing support to a CDG solution delivered in Q2 2024. The delivered CDG v1.0 capability will be hosted on the higher classification HMI in the interim, with a future requirement to host v2.0 on separate hardware. As a result, the Authority may require the procurement, management, and support for hardware to host v2.0 of the gateway.

Suppliers will be required to work in unison with other industry partners & customer engineering teams as directed by the Authority, to enable the successful build of an iterative CDG solution.

Supplier Requirements:

* There is an expectation from the SPISN DT that all parties will enter a collaborative working environment with customer engineering teams existing and new suppliers. Promoting a positive culture and beneficial outcomes is at the forefront of our aspiration in delivering excellence to our customer.

* Those interested must have experience of delivering Azure Cloud Platforms that can operate at OFFICIAL SENSITIVE (descriptors) classification. They must be user centric in their design and integration of platform.

* OFFICIAL SENSITIVE & People: The supplier and any sub-contractors or partners will require security clearance at Security Cleared (SC) as a minimum, with a view to acquire and maintain future higher-level clearance.
* SECRET: Resource provided by the supplier to manage admin for the SECRET platform will require security clearance at Developed Vetting (DV). Where this is not possible, the Authority will consider on a case-by-case basis depending on risk appetite.

* All parties who express an interest must sign a security aspect letter (SAL). Please provide your company address at the top of the letter. If potential suppliers express an interest and do not sign to confirm they understand and agree to be bound by the SAL, they will not be invited to tender.

Proposed Tendering Strategy:

* SPISN DT intends to use the Crown Commercial Service (CCS) with a Digital Outcomes and Services (DOS) Framework.
* The Authority intends to issue the ITT along with down selection criteria in Jan 2024.