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Planning

01859 Custodial Management Platform (CMP)

Scottish Prison Service

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-021703

Procurement identifier (OCID): ocds-h6vhtk-02dc36

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Section I: Contracting authority

I.1) Name and addresses

Scottish Prison Service

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Livingston

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Contact

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Country

United Kingdom

NUTS code

UKM75 - Edinburgh, City of

Internet address(es)

Main address

<http://www.sps.gov.uk>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00384

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

National or federal Agency/Office

I.5) Main activity

Public order and safety

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

01859 Custodial Management Platform (CMP)

Reference number

01859

II.1.2) Main CPV code

- 72212100 - Industry specific software development services

II.1.3) Type of contract

Services

II.1.4) Short description

The Scottish Prison Service is an executive agency of the Scottish Government tasked with managing prisons and Young Offender Institutions in Scotland.

The current SPS Prisoner Records system is aged and reaching end of mainstream support, and cannot provide a modern digital platform to allow the SPS to transform its processes, and vastly expand its data set, to meet its strategic objectives.

Through a phased replacement, the SPS wish to develop a new cloud based loosely coupled modular application through Agile development, based on micro services, open source/open standards, and cloud commodities that will transform operational processes and deliver an individualised asset based approach with those in SPS care.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 72212100 - Industry specific software development services

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

II.2.4) Description of the procurement

The method of procuring these services has yet to be determined.

II.3) Estimated date of publication of contract notice

30 September 2021

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

To explore modern delivery methods in line with Scottish Government Digital guidelines, the SPS has concluded a large solution design phase to understand the approach and products which will support the design and build for a possible custodial system. This has resulted in SPS targeting a cloud based, micro services enabled, modular design using Agile development methodology. To this extent, the SPS has identified an initial set of core 'services' whose functionality could be delivered by micro services or, where appropriate, other integrable tools, striving to adhere to Open Source/Open Standards as a design principle. SPS would like to use these to construct the base platform in the cloud, on which can then be built modules that are loosely coupled with these services, and other modules, to deliver derived 'To-Be' business processes. During development and delivery of this platform and modules, the new system will need to coexist with the SPS' existing Oracle Forms data centre hosted application, which this new system will systematically replace.

The SPS intend to contract with a partner to develop the core cloud-based platform on which

the subsequent modules will be built. This package of works will provision the cloud environment and the development tools required, put in place a security and administration capability that will be used across the application, create a data model including data warehousing, and put in place the core services (e.g. Workflow, EDRMS, CRM, Reporting, Attendance Recording/Auto Attendance, Resource Management, Business Rules Management, Enterprise Search, Timetabling and Scheduling) for the subsequent modules. Design standards shall be agreed with SPS to provide a consistent experience across all modules.

The platform should, wherever possible, be based upon open source/open or industry best practice standards to allow its ongoing support and development, and the subsequent packages of modules to be developed, to be open to competition, and interoperability with partner systems. Included in this package of work will be the Agile development of initial key enabling modules (e.g. prisons configuration, user administration, user-specific dashboard, etc.). The service provider will partner with the SPS to deliver innovative solutions to meet derived 'To-Be' business processes for these modules, and deliver an easy to use compelling user experience to end users, through potentially different devices, without the need for detailed training. Key to this delivery is the management of cost throughout the development lifecycle.

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