

Ireland-Dublin: Data storage services

OJ S 126/2023 04/07/2023

Contract notice

Services

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: St James's Hospital

Postal address: James Street

Town: Dublin

NUTS code: IE Éire / Ireland

Postal code: D08 NHY1

Country: Ireland

E-mail: pfsullivan@stjames.ie

Internet address(es):

Main address: <https://www.etenders.gov.ie>

Address of the buyer profile: <https://www.etenders.gov.ie>

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://www.etenders.gov.ie>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted to the abovementioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at: <https://www.etenders.gov.ie>

I.4. Type of the contracting authority

Body governed by public law

I.5. Main activity

Health

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

The provision of a Fully Managed Cloud Storage Technology Service for the Central Pathology Laboratory at St James's Hospital Dublin

II.1.2. Main CPV code

72317000 Data storage services

II.1.3. Type of contract

Services

II.1.4. Short description

St James's hospital provides specialised molecular testing services using Next Generation Sequencing in five different national laboratories: Cancer Molecular Diagnostics (CMD) laboratory, Irish Mycobacterium Reference laboratory (IMRL), National MRSA Reference laboratory (NMRSARL), Haemostasis Molecular Diagnostics (HMD) laboratory and the Gonococcal Reference laboratory (GCRL). Scope Deliver a future-proofed solution for Molecular testing patient data, analysis and storage in a controlled and planned manner. A long term solution requires adding an additional layer of security to eliminate all locally based laboratory single points of failure, implement virtualised machines in the cloud environment, add additional data storage mechanisms (hot and cold storage) and manage costs accordingly and enhance the laboratory infrastructure further. We will expand on the backup processes for patient data, and expand on building the cloud environment and migration of the laboratory data (from sequencers) directly to the new cloud environment. Additional security protocols will be required and service maintenance arrangements adjusted to build resilience and capacity into the future. Allow for multiple virtual routers for individual laboratory connection between Genomics network and cloud environment (dedicated internet pipeline); Migrate current CMD server to cloud environment; Deliver hot storage (6 months of date) and cold (over 6 months) of data in the cloud and enable access of individual laboratory data by each laboratory team. Exception is NMRSARL and IMRL for dedicated hot storage only; Deliver access for multiple users to dedicated JSI software in the cloud environment for CMD laboratory; Remote access by laboratory team to the cloud environment; Dedicated back up expansion (as part of Phase1); Restoration plan for contingency events and restoring services to laboratories in event of system failures; Facilitate audits of the proposed solution (e.g. INAB, third party assessors); Procedure for unrestricted access of hot and cold storage. Audit of data access over the long term; Implement virtual machines for processing data from Genomics network equipment (sequencers etc.; quiet and burst timelines); Facilitate accessing all areas from dedicated SJH PCs. Web based access to Genomics network and cloud environment; New Cloud Linux (or comparable) environment solution to replace Linux standalone physical equipment (laptops, servers etc.) to run necessary software; Provide all relevant documentation in relation to solution processes in place, process maps, security information, data responsibilities, access policies, costing plans, audit and traceability; Options for implementing SQL database environments in the cloud environment to replace locally stored databases on-site; Assist with any training elements to the proposed solution for in-house personnel including our IT team at SJH.

II.1.5. Estimated total value

Value excluding VAT: 700 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

32582000 Data carriers, 50312300 Maintenance and repair of data network equipment, 32260000 Data-transmission equipment, 48613000 Electronic data management (EDM), 48611000 Database software package, 64216110 Electronic data exchange services, 72314000 Data collection and collation services, 72300000 Data services, 72313000 Data capture services, 72317000 Data storage services

II.2.3. Place of performance

NUTS code: IE Éire / Ireland

Main site or place of performance: St James's Hospital

II.2.4. Description of the procurement

St James's hospital provides specialised molecular testing services using Next Generation Sequencing in five different national laboratories: Cancer Molecular Diagnostics (CMD) laboratory, Irish Mycobacterium Reference laboratory (IMRL), National MRSA Reference laboratory (NMRSARL), Haemostasis Molecular Diagnostics (HMD) laboratory and the Gonococcal Reference laboratory (GCRL). Scope Deliver a future-proofed solution for Molecular testing patient data, analysis and storage in a controlled and planned manner. A long term solution requires adding an additional layer of security to eliminate all locally based laboratory single points of failure, implement virtualised machines in the cloud environment, add additional data storage mechanisms (hot and cold storage) and manage costs accordingly and enhance the laboratory infrastructure further. We will expand on the backup processes for patient data, and expand on building the cloud environment and migration of the laboratory data (from sequencers) directly to the new cloud environment. Additional security protocols will be required and service maintenance arrangements adjusted to build resilience and capacity into the future. Allow for multiple virtual routers for individual laboratory connection between Genomics network and cloud environment (dedicated internet pipeline); Migrate current CMD server to cloud environment; Deliver hot storage (6 months of date) and cold (over 6 months) of data in the cloud and enable access of individual laboratory data by each laboratory team. Exception is NMRSARL and IMRL for dedicated hot storage only; Deliver access for multiple users to dedicated JSI software in the cloud environment for CMD laboratory; Remote access by laboratory team to the cloud environment; Dedicated back up expansion (as part of Phase1); Restoration plan for contingency events and restoring services to laboratories in event of system failures; Facilitate audits of the proposed solution (e.g. INAB, third party assessors); Procedure for unrestricted access of hot and cold storage. Audit of data access over the long term; Implement virtual machines for processing data from Genomics network equipment (sequencers etc.; quiet and burst timelines); Facilitate accessing all areas from dedicated SJH PCs. Web based access to Genomics network and cloud environment; New Cloud Linux (or comparable) environment solution to replace Linux standalone physical equipment (laptops, servers etc.) to run necessary software; Provide all relevant documentation in relation to solution processes in place, process maps, security information, data responsibilities, access policies, costing plans, audit and traceability; Options for implementing SQL database environments in the cloud environment to replace locally stored databases on-site; Assist with any training elements to the proposed solution for in-house personnel including our IT team at SJH.

II.2.5. Award criteria

Criteria below

Quality criterion - Name: Quality / Weighting: 30%

Cost criterion - Name: Price / Weighting: 70%

II.2.6. Estimated value

Value excluding VAT: 700 000,00 EUR

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

Duration in months: 60

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

II.2.14. Additional information

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.2. Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3. Technical and professional ability

Selection criteria as stated in the procurement documents

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Open procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

IV.1.8. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

IV.2. Administrative information

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

Date: 03/08/2023 Local time: 12:00

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

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

English

IV.2.6. Minimum time frame during which the tenderer must maintain the tender

Tender must be valid until: 31/12/2023

IV.2.7. Conditions for opening of tenders

Date: 03/08/2023 Local time: 12:30

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted
Electronic payment will be used

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: The High Court

Town: Dublin

Country: Ireland

Internet address: <https://www.courts.ie>

VI.4.2. Body responsible for mediation procedures

Official name: The High Court

Town: Dublin

Country: Ireland

Internet address: <https://www.courts.ie>

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

Official name: The High Court

Town: Dublin

Country: Ireland

Internet address: <https://www.courts.ie>

VI.5. Date of dispatch of this notice

29/06/2023