

IRELAND: DATA STORAGE SERVICES

THE PROVISION OF A FULLY MANAGED CLOUD STORAGE TECHNOLOGY SERVICE FOR THE CENTRAL PATHOLOGY LABORATORY AT ST JAMES'S HOSPITAL DUBLIN

Contract or concession award notice – standard regime

1 Buyer

1.1 Buyer

Official name: St James's Hospital

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Health

2 Procedure

2.1 Procedure

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

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.

Procedure identifier: 6b26fbef-39b5-4fa2-b429-40b328c0489c

Type of procedure: Open

The procedure is accelerated: no

2.1.1 Purpose

Main nature of the contract: Services

Main classification (cpv): 72317000 Data storage services

Additional classification (cpv): 32582000 Data carriers

Additional classification (cpv): 50312300 Maintenance and repair of data network equipment

Additional classification (cpv): 32260000 Data-transmission equipment

Additional classification (cpv): 48613000 Electronic data management (EDM)

Additional classification (cpv): 48611000 Database software package

Additional classification (cpv): 64216110 Electronic data exchange services

Additional classification (cpv): 72314000 Data collection and collation services

Additional classification (cpv): 72300000 Data services

Additional classification (cpv): 72313000 Data capture services

2.1.3 Value

Estimated value excluding VAT: 700 000 Euro

2.1.4 General information

Legal basis:

Directive 2014/24/EU

5 Lot

5.1 Lot technical ID: LOT-0001

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

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.

Internal identifier: 0

5.1.1 Purpose

Main nature of the contract: Services

Main classification (cpv): 72317000 Data storage services

Additional classification (cpv): 32582000 Data carriers

Additional classification (cpv): 50312300 Maintenance and repair of data network equipment

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Additional classification (cpv): 72313000 Data capture services

5.1.5 Value

Estimated value excluding VAT: 700 000 Euro

5.1.6 General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.7 Strategic procurement

5.1.10 Award criteria

Criterion:

Type: Quality

Name: QUALITY

Description: QUALITY CRITERIA

Description of the method to be used if weighting cannot be expressed by criteria: quality

5.1.15 Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16 Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: St James's Hospital

TED eSender: European Dynamics S.A.

6 Results

Value of all contracts awarded in this notice: 700 000 Euro

6.1 Result lot Identifier: LOT-0001

At least one winner was chosen.

6.1.2 Information about winners

Winner:

Official name: Ernst and Young_86592_(Main Account)

Tender:

Tender identifier: 000021456

Identifier of lot or group of lots: LOT-0001

Subcontracting value is known: no

Subcontracting percentage is known: no

Contract information:

Identifier of the contract: 394234

Date of the conclusion of the contract: 25/10/2023

The contract is awarded within a framework agreement: no

8 Organisations

8.1 ORG-0001

Official name: St James's Hospital

Registration number: IE4752452R

Postal address: James Street

Town: Dublin

Postcode: D08 NHY1

Country: Ireland

Email: pfsullivan@stjames.ie

Telephone: 353 1 4162468

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

Buyer profile: <https://www.stjames.ie/>

Roles of this organisation:

Buyer

Organisation providing offline access to the procurement documents

8.1 ORG-0002

Official name: Ernst and Young_86592_(Main Account)

Registration number: Does Not Apply

Postal address: EY Building, Harcourt Centre, Harcourt Street, Dublin 2, Ireland.

Town: Dublin

Postcode: D02 YA40

Country: Ireland

Email: eytendersirl@ie.ey.com

Telephone: 014750555

Internet address: https://www.ey.com/en_ie

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0001

8.1 ORG-0003

Official name: The High Court of Ireland

Registration number: The High Court of Ireland

Department: The High Court of Ireland

Postal address: Four Courts, Inns Quay, Dublin 7

Town: Dublin
Postcode: D07 WDX8
Country: Ireland
Email: HighCourtCentralOffice@courts.ie
Telephone: +353 1 8886000
Roles of this organisation:
Review organisation

8.1 ORG-0004

Official name: European Dynamics S.A.
Registration number: 002024901000
Department: European Dynamics S.A.
Town: Athens
Country: Greece
Email: eproc-esender@eurodyn.com
Telephone: +30 2108094500
Roles of this organisation:
TED eSender

11 Notice information

11.1 Notice information

Notice identifier/version: b19b44f8-fe92-4d86-83b4-fe4a16af13cb - 01
Form type: Result
Notice type: Contract or concession award notice – standard regime
Notice dispatch date: 16/05/2024 11:55 +01:00
Languages in which this notice is officially available: English

11.2 Publication information