

LA3739DPS – Dynamic Purchasing System for Genomics, Sequencing and Molecular Services to the Irish Public Sector

Summary	
Title:	Dynamic Purchasing System for Genomics, Sequencing and Molecular Services to the Irish Public Sector
EPS Reference Number:	RFT 8751837 – LA3739DPS
OJEU Reference Number:	540431-2026
Category:	Laboratory
Start Date:	31 st August 2026
End Date:	31 st August 2031 (excluding extensions)
Term & Renewal Options:	This DPS is valid for <u>(five) years from the Establishment Date of the DPS (the “Term”)</u> . The Contracting Authority reserves the right to extend the Term for a period of up to 2 (two) years, subject to the Contracting Authority’s obligation at law. The maximum term of this DPS will be 7 (seven) years.
Contracting Authorities who can avail of the DPS:	The following entities, (each a ‘DPS Client’) may award (or ‘call off’) Service Contracts (each a ‘Contract’) under the DPS Agreement in accordance with the rules set out in the DPS Agreement at Appendix 5. - Ministers of the Government of Ireland, Central Government Departments, Offices and non-commercial Agencies and Organisations which have a formal reporting and legal relationship to Central Government Departments, including all local authorities in Ireland (themselves including regional assemblies, local enterprise boards); - Entities in the Irish health sector including but not limited to the Health Service Executive (HSE) and the Health Information and Quality Authority (HIQA), provided that such entities are contracting authorities within the meaning of Regulation 2 of the European Union (Award of Public Authority Contracts) Regulations 2016 (Statutory

	Instrument 284 of 2016); • Contracting authorities which are Third Level Educational Institutions (including Universities, Technological Universities, Institutes of Technology and members of the Education Procurement Service); • Contracting authorities which are Education and Training Boards (ETBs) and ETB schools, primary, post-primary, special and secondary schools as well as ETBs acting on behalf of schools; • An Garda Síochána (Police); 9 • The Irish Prison Service; and • The Defence Forces.
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SCOPE OF SERVICES

Dynamic Purchasing System For the Genomics, Sequencing and Molecular Services to the Irish Public Sector is broken into 6 lots:

It is wholly at the discretion of the Applicant as to which Lots they wish to apply for.

Genomics, Sequencing and Molecular Services		
Lot	Lot Title	Descriptions
Lot 1	Sanger (First-Generation) DNA Sequencing Services	Scope of Lot: This lot covers the provision of first-generation (Sanger) DNA sequencing services for research and related activities. Sample preparation, Library preparation and Bioinformatics/data analysis may be included where appropriate and agreed at call-off stage.

Lot 2	Next Generation Sequencing (NGS) – Short-Read Technologies	Scope of Lot: This lot covers the provision of next-generation short-read sequencing services as well as associated library preparation including, but not limited to, applications such as whole genome sequencing, RNA sequencing, amplicon sequencing and other short-read sequencing applications. Sample preparation, Library preparation and Bioinformatics/data analysis may be included where appropriate and agreed at call-off stage.
Lot 3	Third Generation (Long-Read) Sequencing Services	This lot covers the provision of long-read or single-molecule sequencing services and associated library preparation, including but not limited to: • Long read DNA sequencing • Long-read direct RNA sequencing • Whole plasmid sequencing based on long-read technologies Sample preparation, Library preparation and Bioinformatics/data analysis may be included where appropriate and agreed at call-off stage.
Lot 4	Specialised Application Areas	Scope of Lot: This lot covers specialised and application-driven sequencing services, including but not limited to: • Metagenomics • Microbiome sequencing • Environmental DNA (eDNA) sequencing • Other specialist or emerging sequencing applications Sample preparation, Library preparation and Bioinformatics/data analysis may be included where appropriate and agreed at call-off stage.
Lot 5	Molecular Genetics and Genomics-based Laboratory Services that do not constitute DNA/RNA	Scope of Lot: This lot covers molecular genetics and genomics-based laboratory services that do not constitute DNA/RNA sequencing, including but not limited to: • Fragment-length analysis using capillary electrophoresis

	sequencing	• Microsatellite / STR genotyping • PCR-based genotyping assays • Copy number variation analysis • Targeted molecular marker analysis • Other non-sequencing genomic assays Technical Requirements (where applicable) • Industry-standard instrumentation (e.g., capillary electrophoresis systems such as ABI Genetic Analysers or equivalent) • Handling of multiplex PCR products • Provision of raw data files (e.g., .fsa format or equivalent) • Delivery of processed fragment size or genotyping results
Lot 6	Metabolomics Services	Scope of Lot: Metabolomics-based laboratory services, including: targeted and untargeted metabolite profiling using LC-MS, GC-MS, NMR, or equivalent analytical platforms, including sample preparation, raw data provision, metabolite identification, quantification, and statistical analysis where applicable

NEXT STEPS & SUPPLEMENTARY INFORMATION

EPS Contact details

If you have any queries on the DPS, please contact EPS on:

- Tel No. 061 233715.
- Email address: info@educationprocurementservice.ie
- Website: www.educationprocurementservice.ie