

## GSS23744: Draft Specification

### UK Research and Innovation (UKRI): Molecular Biology and Laboratory Chemicals Framework

Note to Suppliers: The draft specification is being issued in order to provide potential bidders understanding with regards to the current view of the requirements.

There is no commitment at this stage that the above-mentioned opportunity will proceed in its current format.

#### **The Requirement**

UKRI wishes to establish a Framework for the provision of Molecular Biology and Laboratory Chemicals products.

UK SBS is managing this procurement process on behalf of UKRI in accordance with the Public Contracts Regulations 2015 (as may be amended from time to time) (the "Regulations").

It is anticipated that the award of this Contract will be based on nine Lots:

- Lot 1** – Nucleic Acid Manipulation
- Lot 2** – Protein Manipulation
- Lot 3** – Cell and Tissue Culture
- Lot 4** – Antibiotics
- Lot 5** – Chemicals & Solvents
- Lot 6** – Fine Chemicals
- Lot 7** – Drugs
- Lot 8** – Stable Isotopes
- Lot 9** – Biological Buffers

This Framework will be made accessible for UKRI, and it is intended that multiple providers will be appointed for each of the Lots detailed above.

Potential Providers will be invited to tender for one or more Lots on an individual basis.

#### **Lotting Structure**

Molecular Biology and laboratory Chemicals products		Number of Envisaged Suppliers
<b>Lot 1 – Nucleic Acid Manipulation</b>		
Sub-Lot 1.1	Restriction endonucleases	Not available - TBC
	Modifying enzymes	
	DNA Labelling kits	
	PCR reagents	

	Nucleotides	
	qRT-PCR reagents	
	cDNA synthesis kit	
Sub-Lot 1.2	DNA and RNA purification kits and reagents	Not available - TBC
	DNA and RNA extraction kits and reagents	
Sub-Lot 1.3	DNA Ladders	Not available - TBC
	DNA intercalants and stains	
Sub-Lot 1.4	Competent cells	Not available - TBC
	Antibiotics	
	Expression vectors	
	Cloning vectors and kits	
	Plasmid mutagenesis vectors and kits	
<b>Lot 2 – Protein Manipulation</b>		
Sub-lot 2.1	Precast gels	Not available - TBC
	Acrylamide (Gel running buffers)	
	Protein ladders	
	Protein stains and detection reagents	
Sub lot 2.2	Protein extraction kits	Not available - TBC
	Immunoprecipitation kits	
	Immunoassays	
Sub-Lot 2.3	Growth Factors	Not available - TBC
	Proteins / Recombinant proteins	
	Enzymes	
Sub-Lot 2.4	Protein expression and purification kits and reagents	Not available - TBC
<b>Lot 3 – Cell and Tissue Culture</b>		
Sub-lot 3.1	Culture Media	Not available - TBC
	Cell and tissue dissociation reagents	
	Animal serum	
	Transfection reagents	
Sub-Lot 3.2	Cellular and biochemical assays	Not available - TBC
Sub-Lot 3.3	Flow Cytometry	Not available - TBC
	Cell Separation	
Sub-Lot 3.4	Immunohistochemistry kits	Not available - TBC
	Fixatives and permeabilization chemicals	
	Stains and counterstains	
<b>Lot 4 – Antibiotics</b>		
	Antibiotics for invitro use	Not available - TBC
<b>Lot 5 – Chemicals &amp; Solvents</b>		
Sub-Lot 5.1	Duty Free Chemicals	Not available - TBC
Sub-Lot 5.2	Duty Paid Chemicals	Not available - TBC
<b>Lot 6 – Fine Chemicals</b>		

	Fine Chemicals	Not available - TBC
<b>Lot 7 – Controlled Drugs, Schedule 5, Toxins &amp; Bioactive small molecules/Inhibitors</b>		
	<b>Controlled Drugs, Schedule 5, Toxins &amp; Bioactive small molecules/Inhibitors</b>	Not available - TBC
<b>Lot 8 – Stable Isotopes</b>		
	Stable Isotopes	Not available - TBC
<b>Lot 9 – Biological Buffers</b>		
	Biological Buffers	Not available - TBC

When available, Bidders will be able to bid for one or multiple lots on the Framework; however, the successful Suppliers appointed to each lot will be exclusive to this lot and cannot be asked by UKRI to provide Supplies or Services from another lot.

Where UKRI will be buying large volumes of Supplies defined within these Lots, sub-lots, UKRI will be encouraged to run a Further Competition to leverage greater discounts even though it will be possible to undertake a Direct Award.

### **Objectives**

The objective of this procurement is to:

- Produce a Framework Agreement that Contracting Bodies can easily use and provide a compliant route to the market.
- Capture a large percentage of the Molecular Biology and Laboratory Chemical requirements from large value items to low value, high volume items.
- Develop strong relationships with both Contracting Bodies and Suppliers to ensure that requirements are captured and value for money is achieved across central government and wider public sector.
- To capture quality management information that will support informed decision making in future procurements.
- To ensure sustainability aspects are considered and integrated into the Framework Agreement.
- To continuously improve and apply best practice procurement that meets the end user's requirements.

### **LOT BREAKDOWN**

#### **Anticipated Lot Requirements: Lot 1 – Nucleic Acid Manipulation**

UKRI wish to purchase a range of products used for nucleic acid manipulation. It is anticipated that the range will be divided into 4 subcategories which will include but will not be limited to the below products.

The range of Nucleic Acid manipulation products will fall into the below sub lots: -

**Sub Lot 1.1**

- Restriction endonucleases
- Modifying enzymes
- DNA Labelling
- PCR Reagents
- qRT-PCR reagents
- cDNA synthesis kit

**Sub Lot 1.2**

- DNA and RNA purification kits and reagents
- DNA and RNA extraction kits and reagents

**Sub Lot 1.3**

- DNA ladders
- DNA intercalants and stains

**Sub Lot 1.4**

- Competent cells
- Expression vectors
- Cloning vectors and kits
- Plasmid mutagenesis vectors and kits

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Nucleic Acid Manipulation

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

The Supplier must provide all packaging in conformance with the Packaging Directive as detailed:

<https://www.gov.uk/topic/environmental-management/waste>

**Anticipated Lot Requirements: Lot 2 – Protein Manipulation**

UKRI wish to purchase a range of products used for protein manipulation. It is anticipated that the range will be divided into 4 subcategories which will include but will not be limited to the below products.

This is to be divided into sub lots:

**Sub Lot 2.1**

- Precast Gels
- Acrylamide
- Gel running buffers
- Protein Ladders

- Protein stains and detections reagents

#### Sub Lot 2.2

- Protein extraction kits
- immunoprecipitation kits
- Immunoassays

#### Sub Lot 2.3

- Growth Factors
- Proteins / Recombinant proteins
- DNA intercalants and stains

#### Sub Lot 2.4

- Protein expression and purification kits and reagents

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Protein Manipulation

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

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### **Anticipated Lot Requirements: Lot 3 – Cell & Tissue Culture**

UKRI wish to purchase a range of products used in Cell & Tissue culture. It is anticipated that the range will be divided into 4 subcategories which will include but will not be limited to the below products.

The range of cell & Tissue culture products will fall into the below sub lots: -

#### Sub Lot 3.1

- Culture Media
- Cell and Tissue dissociation reagents
- Animal serum
- Transfection reagents

#### Sub Lot 3.2

- Cellular and Biochemical assays

#### Sub Lot 3.3

- Flow cytometry
- Cell separation

#### Sub Lot 3.4

- Stains and Counterstains

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Cell & Tissue Culture

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

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#### **Anticipated Lot Requirements: Lot 4 – Antibiotics**

UKRI wish to purchase a range of Antibiotics for invitro use.

##### **Lot 4**

- **Antibiotics for invitro use**

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Antibiotics.

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

The Supplier must provide all packaging in conformance with the Packaging Directive as detailed:

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#### **Anticipated Lot Requirements: Lot 5 – Chemicals & Solvents**

UKRI wish to purchase a range of Chemicals & Solvents. It is anticipated that the range will be divided into 2 subcategories which will include but will not be limited to the below products.

##### **Sub Lot 5.1**

- Duty free products

##### **Sub Lot 5.2**

- Duty paid products

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Chemicals & Solvents

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

The Supplier must provide all packaging in conformance with the Packaging Directive as detailed:

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### **Anticipated Lot Requirements: Lot 6 – Fine Chemicals**

UKRI wish to purchase a range of fine chemicals.

Lot 6

- Fine Chemicals

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Fine Chemicals

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

The Supplier must provide all packaging in conformance with the Packaging Directive as detailed:

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### **Anticipated Lot Requirements: Lot 7 – Controlled Drugs, Schedule 5, Toxins & Bioactive small molecules/Inhibitors**

UKRI wish to purchase a range of drugs, bioactive small molecules and inhibitors. It is anticipated that the range will be divided into 2 subcategories which will include but will not be limited to the below products: -

Lot 7

- **Controlled Drugs, Schedule 5, Toxins & Bioactive small molecules/Inhibitors**

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Controlled Drugs, Schedule 5, Toxins & Bioactive small molecules/Inhibitors

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

The Supplier must provide all packaging in conformance with the Packaging Directive as detailed:

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### **Anticipated Lot Requirements: Lot 8 – Stable Isotopes**

UKRI wish to purchase a range of stable isotopes.

Lot 8

- Stable Isotopes

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Stable Isotopes

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.

Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

The Supplier must provide all packaging in conformance with the Packaging Directive as detailed:

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### **Anticipated Lot Requirements: Lot 9 – Biological Buffers**

UKRI wish to purchase a range of biological buffers.

Lot 9

- Biological Buffers

UKRI may request the Supplier to Source products outside of the scope of the Representative List. The Sourced Offering may be subject to a Further Competition.

UKRI may require additional services which will be determined at the Order stage. The scope of additional services will be defined by the range of Biological Buffers

The Supplier must provide general and specific safety, technical and legislative support across the range of products categories.



Technical data sheets must be supplied by the supplier in soft and/or hard copies at UKRI's request.

The Supplier must provide all packaging in conformance with the Packaging Directive as detailed:

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THIS IS A DRAFT SPECIFICATION