



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

**Attn:** Montana Myers

**Email:** [montana.myers@hc-sc.gc.ca](mailto:montana.myers@hc-sc.gc.ca)

**REQUEST FOR PROPOSAL  
DEMANDE DE PROPOSITION**

**Proposal To:** Public Health Agency of Canada

We hereby offer to sell to His Majesty the King in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out thereof.

**Proposition à:**

Agence de la santé publique du Canada

Nous offrons par la présente de vendre à Sa Majesté le Roi du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexées, au(x) prix indiqué(s).

**Instructions : See Herein**

**Instructions: Voir aux présentes**

**Issuing Office – Bureau de distribution**

Public Health Agency of Canada  
200, Eglantine Driveway  
Tunney's Pasture  
Ottawa Ontario K1A 0K9

<b>Title – Sujet</b> Centrifuge Preventative Maintenance and Calibration Services	
<b>Solicitation No. – N° de l'invitation</b> 1000246515	<b>Date</b> November 7, 2022
<b>Solicitation Closes at 2 :00PM</b> <b>L'invitation prend fin à</b> <b>on / le – December 7, 2022</b>	<b>Time Zone</b> <b>Fuseau horaire</b> EST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à :</b> Name: Montana Myers Email: <a href="mailto:montana.myers@hc-sc.gc.ca">montana.myers@hc-sc.gc.ca</a>	
<b>Destination – of Goods, Services, and Construction:</b> <b>Destination – des biens, services et construction :</b> See Herein – Voir ici	
<b>Delivery required - Livraison exigée</b> See Herein – Voir ici	
<b>Vendor/firm Name and address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Facsimile No. – N° de télécopieur :</b> <b>Telephone No. – N° de téléphone :</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/firm</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur</b>	
<hr/> <b>(type or print)/ (taper ou écrire en caractères d'imprimerie)</b>	
<hr/> <b>Signature</b>	<hr/> <b>Date</b>



TABLE OF CONTENTS

**PART 1 - GENERAL INFORMATION ..... 3**

1.1 INTRODUCTION..... 3

1.2 SUMMARY ..... 3

1.3 DEBRIEFINGS ..... 3

**PART 2 - BIDDER INSTRUCTIONS ..... 4**

2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS ..... 4

2.2 SUBMISSION OF BIDS..... 4

2.3 FORMER PUBLIC SERVANT..... 4

2.4 ENQUIRIES - BID SOLICITATION..... 5

2.5 APPLICABLE LAWS..... 5

2.6 BID CHALLENGE AND RECOURSE MECHANISMS..... 6

**PART 3 - BID PREPARATION INSTRUCTIONS..... 7**

3.1 BID PREPARATION INSTRUCTIONS ..... 7

**ATTACHMENT 1 TO PART 3 – PRICING SCHEDULE ..... 8**

**PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION ..... 18**

4.1 EVALUATION PROCEDURES..... 18

4.2 BASIS OF SELECTION..... 18

**ATTACHMENT 1 TO PART 4, TECHNICAL CRITERIA ..... 19**

**PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION ..... 20**

5.1 CERTIFICATIONS REQUIRED WITH THE BID ..... 20

5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION ..... 20

**PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS..... 21**

6.1 SECURITY REQUIREMENTS ..... 21

**PART 7 - RESULTING CONTRACT CLAUSES ..... 22**

7.1 STATEMENT OF WORK..... 22

7.2 STANDARD CLAUSES AND CONDITIONS..... 22

7.3 SECURITY REQUIREMENTS ..... 22

7.4 TERM OF CONTRACT ..... 22

7.5 AUTHORITIES ..... 22

7.6 PROACTIVE DISCLOSURE OF CONTRACTS WITH FORMER PUBLIC SERVANTS ..... 23

7.7 PAYMENT ..... 23

7.8 INVOICING INSTRUCTIONS ..... 24

7.9 CERTIFICATIONS AND ADDITIONAL INFORMATION..... 24

7.10 APPLICABLE LAWS..... 24

7.11 PRIORITY OF DOCUMENTS ..... 24

7.12 INSURANCE ..... 25

7.13 DISPUTE RESOLUTION..... 25

**ANNEX A - STATEMENT OF WORK ..... 26**

**ANNEX B – BASIS OF PAYMENT..... 31**



## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The bid solicitation is divided into seven parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides Bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by Bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Statement of Work, the Basis of Payment, the Task Authorization Form and any other annexes.

### **1.2 Summary**

Tendered contractor will provide preventative maintenance (PM) and calibration service for approximately 81 centrifuges located at the National Microbiology Laboratory Branch (Winnipeg, Manitoba) Year 1 and Year 3 of contract. Years 2 and 4, the tendered contractor will provide the same services at the same location on approximately 46 centrifuges. The tendered contractor shall provide PM service/calibration certificates in an electronic, PDF format. The tendered contractor will be required to perform these centrifuge PM and calibration services in both containment level two (CL2) and containment level three (CL3) laboratories. Amendments to the contract will be used to identify any centrifuges that need to be added or removed from the list of equipment.

### **1.3 Debriefings**

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.



## PART 2 - BIDDER INSTRUCTIONS

### 2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The [2003](#) (2022-03-29) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

### 2.2 Submission of Bids

Bids must be submitted only to [montana.myers@hc-sc.gc.ca](mailto:montana.myers@hc-sc.gc.ca) by the date, time and place indicated in the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile will not be accepted.

### 2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

#### Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant



to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

### Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes** ( ) **No** ( )

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2012-2](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

### Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes** ( ) **No** ( )

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

## 2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

## 2.5 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Manitoba.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory



specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

## 2.6 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
  - Office of the Procurement Ombudsman (OPO)
  - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.



## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **3.1 Bid Preparation Instructions**

Due to the nature of the bid solicitation, bids transmitted by epost Connect service and by facsimile will not be accepted.

Canada requests that bidders provide their bid in separate sections as follows:

Section I: Technical Bid – one electronic copy by email;

Section II: Financial Bid – one electronic copy by email;

Section III: Certifications – one electronic copy by email.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

#### **Section I: Technical Bid**

In their technical bid, Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

#### **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with Attachment 1 to Part 3.

#### **Section III: Certifications**

Bidders must submit the certifications and additional information required under Part 5.



### ATTACHMENT 1 to PART 3 – PRICING SCHEDULE

No additional charges will be allowed for travel to and from the site.

Rates quoted must remain firm for the period of the Contract. Rates MUST include ALL costs associated with providing the service in accordance with the Statement of Work, Annex A attached herein. All taxes if applicable, are to be shown as a separate item on any resulting invoice. Payment will be made in accordance with the following pricing.

Firm all-inclusive rates for Scheduled Services.

To be invoiced annually.

Contract Year 1: From January 6, 2023 to January 5, 2024					
Manufacturer	Model No.	Refrigerated?	Asset No.	Serial No.	Annual Service
Eppendorf	5417R	Y	PHAC-001316	5407XI826112	\$
Thermo	Sorval ST16	N	PHAC-5024518	41317630	\$
Thermo	Sorvall Legend XT	N	PHAC-5005179	41457387	\$
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$
Hettich	Rotina 38R	Y	HC-005753	154	\$
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$
Eppendorf	5430	N	PHAC-5000731	5427XN306540	\$
Thermo	Sorval ST-16R	Y	PHAC-5016900	42191025	\$
Eppendorf	5424	N	PHAC-5025603	5424CH449594	\$
Eppendorf	5417R	Y	HC-000518	540704659	\$
Eppendorf	5424R	Y	PHAC-5005108	5404BG007756	\$
Eppendorf	5424	N	PHAC-000805	54240005278	\$
Eppendorf	5430R	Y	PHAC-5002205	5428YL606056	\$
Eppendorf	5417R	Y	HC-007234	0021177	\$
Eppendorf	5430R	Y	PHAC-5004872	5428BP916550	\$
Eppendorf	5415R	Y	PHAC-5001793	5426YL130635	\$
Eppendorf	5804R	Y	PHAC-5023966	58051RO73025	\$
Eppendorf	5415D	N	HC-003197	542522547	\$





Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$
Eppendorf	5417R	Y	HC-001045	540701693	\$
Eppendorf	5415D	N	HC-006755	0067773	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$
Thermo	Sorvall ST8	N	PHAC-5018254	Unknown	\$
Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$
Eppendorf	5415R	U	PHAC-001138	20545	\$
Eppendorf	5430	U	PHAC-5005083	5427A140061	\$
Thermo	CL30R	U	PHAC-001367	307120175	\$
Thermo	CL30R	U	PHAC-001089	307110721	\$
Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$
Thermo Electron Cooperation	IEC-CL30	N	PHAC-00167	307110277	\$
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$
Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$
Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$
Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Heraeus Instruments	Megafuge 1.0	N	HC-000222	243835	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$



Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5424R	Y	PHAC-5005074	5404BG507727	\$
Eppendorf	5424R	Y	PHAC-5005075	Unknown	\$
Sorvall/Thermo	Legend XTR	Y	PHAC-5001957	41285744	\$
Eppendorf	5424	N	PHAC-001569	12830	\$
Sorvall	LEGEND RT	Y	HC-007254	40663513	\$
Eppendorf	5417R	Y	PHAC-002030	5401XI426135	\$
Eppendorf	5415D	N	HC-005347	54250057362	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016551	42047546	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5008796	41993771	\$
Thermo	Sorvall ST16R	Y	PHAC-5001777	41046899	\$
Thermo	Sorvall Legend X1R	Y	PHAC-5018468	42231622	\$
Eppendorf	centrifuge 5425	N	PHAC-5021428	5405IH210932	\$
Eppendorf	centrifuge 5424R	Y	PHAC-5016581	5404FP324608	\$
Thermo	Micro 21R	Y	PHAC-5002528	41044307	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
Eppendorf	5424	N	PHAC-5003422	5424ZN432519	\$
Eppendorf	5430R	Y	PHAC-5001802	5428YK905842	\$
Eppendorf	5424	N	PHAC-5002006	5424YK525140	\$
Eppendorf	5424	N	PHAC-5002973	5424ZI230050	\$
Eppendorf	5430R	Y	PHAC-5005252	5428CL317958	\$
Eppendorf	5418	Y	PHAC-5025737	5418020022	\$
Sorvall	ST40R	Y	PHAC-5004922	41493929	\$
Sorvall	Legend Micro21	N	PHAC-5024834	41412221	\$
Eppendorf	5920R	Y	PHAC-5026393	5948JQ103149	\$



Eppendorf	5920R	Y	PHAC-5026395	5948JP503101	\$
Eppendorf	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
Eppendorf	5920R	Y	PHAC-5026389	5948JP303086	\$
<b>Total</b>					\$ _____

<b>Contract Year 2: From January 6, 2024 to January 5, 2025</b>					
<b>Unit Number</b>	<b>Model No.</b>	<b>Refrigerated?</b>	<b>Asset No.</b>	<b>Serial No.</b>	<b>Annual Service</b>
Thermo Scientific	Sorval ST16	N	PHAC-5024518	41317630	\$
Thermo Scientific	Sorvall Legend XT	N	PHAC-5005179	41457387	\$
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$
Hettich	Rotina 38R	Y	HC-005753	154	\$
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$
Eppendorf	5415D	N	HC-003197	542522547	\$
Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$
Eppendorf	5417R	Y	HC-001045	540701693	\$
Eppendorf	5415D	N	HC-006755	0067773	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5018254	Unknown	\$
Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$
Eppendorf	5415R	U	PHAC-001138	20545	\$
Eppendorf	5430	U	PHAC-5005083	5427A140061	\$
Thermo Scientific	CL30R	U	PHAC-001367	307120175	\$
Thermo Scientific	CL30R	U	PHAC-001089	307110721	\$



Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$
Thermo Electron Corporation	IEC-CL30	N	PHAC-00167	307110277	\$
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$
Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$
Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$
Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$
Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
Eppendorf	5920R	Y	PHAC-5026393	5948JQ103149	\$
EPPENDORF	5920R	Y	PHAC-5026395	5948JP503101	\$
EPPENDORF	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026389	5948JP303086	\$
<b>Total</b>					<b>\$</b> _____



Contract Year 3: From January 6, 2025 to January 5, 2026 – Inventory Repeat of Year 1					
Manufacturer	Model No.	Refrigerated?	Asset No.	Serial No.	Annual Service
Eppendorf	5417R	Y	PHAC-001316	5407XI826112	\$
Thermo	Sorval ST16	N	PHAC-5024518	41317630	\$
Thermo	Sorvall Legend XT	N	PHAC-5005179	41457387	\$
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$
Hettich	Rotina 38R	Y	HC-005753	154	\$
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$
Eppendorf	5430	N	PHAC-5000731	5427XN306540	\$
Thermo	Sorval ST-16R	Y	PHAC-5016900	42191025	\$
Eppendorf	5424	N	PHAC-5025603	5424CH449594	\$
Eppendorf	5417R	Y	HC-000518	540704659	\$
Eppendorf	5424R	Y	PHAC-5005108	5404BG007756	\$
Eppendorf	5424	N	PHAC-000805	54240005278	\$
Eppendorf	5430R	Y	PHAC-5002205	5428YL606056	\$
Eppendorf	5417R	Y	HC-007234	0021177	\$
Eppendorf	5430R	Y	PHAC-5004872	5428BP916550	\$
Eppendorf	5415R	Y	PHAC-5001793	5426YL130635	\$
Eppendorf	5804R	Y	PHAC-5023966	58051RO73025	\$
Eppendorf	5415D	N	HC-003197	542522547	\$
Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$
Eppendorf	5417R	Y	HC-001045	540701693	\$
Eppendorf	5415D	N	HC-006755	0067773	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$
Thermo	Sorvall ST8	N	PHAC-5018254	Unknown	\$



Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$
Eppendorf	5415R	U	PHAC-001138	20545	\$
Eppendorf	5430	U	PHAC-5005083	5427A140061	\$
Thermo	CL30R	U	PHAC-001367	307120175	\$
Thermo	CL30R	U	PHAC-001089	307110721	\$
Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$
Thermo Electron Corporation	IEC-CL30	N	PHAC-00167	307110277	\$
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$
Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$
Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$
Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Heraeus Instruments	Megafuge 1.0	N	HC-000222	243835	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$
Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5424R	Y	PHAC-5005074	5404BG507727	\$
Eppendorf	5424R	Y	PHAC-5005075	Unknown	\$
Sorvall/Thermo	Legend XTR	Y	PHAC-5001957	41285744	\$
Eppendorf	5424	N	PHAC-001569	12830	\$
Sorvall	LEGEND RT	Y	HC-007254	40663513	\$
Eppendorf	5417R	Y	PHAC-002030	5401XI426135	\$



Eppendorf	5415D	N	HC-005347	54250057362	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016551	42047546	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5008796	41993771	\$
Thermo	Sorvall ST16R	Y	PHAC-5001777	41046899	\$
Thermo	Sorvall Legend X1R	Y	PHAC-5018468	42231622	\$
Eppendorf	centrifuge 5425	N	PHAC-5021428	5405IH210932	\$
Eppendorf	centrifuge 5424R	Y	PHAC-5016581	5404FP324608	\$
Thermo	Micro 21R	Y	PHAC-5002528	41044307	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
Eppendorf	5424	N	PHAC-5003422	5424ZN432519	\$
Eppendorf	5430R	Y	PHAC-5001802	5428YK905842	\$
Eppendorf	5424	N	PHAC-5002006	5424YK525140	\$
Eppendorf	5424	N	PHAC-5002973	5424ZI230050	\$
Eppendorf	5430R	Y	PHAC-5005252	5428CL317958	\$
Eppendorf	5418	Y	PHAC-5025737	5418020022	\$
Sorvall	ST40R	Y	PHAC-5004922	41493929	\$
Sorvall	Legend Micro21	N	PHAC-5024834	41412221	\$
EPPENDORF	5920R	Y	PHAC-5026393	5948JQ103149	\$
EPPENDORF	5920R	Y	PHAC-5026395	5948JP503101	\$
EPPENDORF	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026389	5948JP303086	\$
<b>Total</b>					<b>\$</b> _____



Contract Year 4: From January 6, 2026 to January 6, 2027 – Inventory Repeat of Year 2					
Unit Number	Model No.	Refrigerated?	Asset No.	Serial No.	Annual Service
Thermo Scientific	Sorval ST16	N	PHAC-5024518	41317630	\$
Thermo Scientific	Sorvall Legend XT	N	PHAC-5005179	41457387	\$
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$
Hettich	Rotina 38R	Y	HC-005753	154	\$
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$
Eppendorf	5415D	N	HC-003197	542522547	\$
Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$
Eppendorf	5417R	Y	HC-001045	540701693	\$
Eppendorf	5415D	N	HC-006755	0067773	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5018254	Unknown	\$
Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$
Eppendorf	5415R	U	PHAC-001138	20545	\$
Eppendorf	5430	U	PHAC-5005083	5427A140061	\$
Thermo Scientific	CL30R	U	PHAC-001367	307120175	\$
Thermo Scientific	CL30R	U	PHAC-001089	307110721	\$
Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$
Thermo Electron Corporation	IEC-CL30	N	PHAC-00167	307110277	\$
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$
Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$





Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$
Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$
Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026393	5948JQ103149	\$
EPPENDORF	5920R	Y	PHAC-5026395	5948JP503101	\$
EPPENDORF	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026389	5948JP303086	\$
<b>Total</b>					<b>\$</b> _____



## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1 Evaluation Procedures**

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

#### **4.1.1 Technical Evaluation**

Mandatory technical evaluation criteria are included in Attachment 1 to Part 4.

### **4.2 Basis of Selection**

#### **4.2.1 Mandatory Technical Criteria**

*SACC Manual* Clause [A0031T](#) (2010-08-16) Basis of Selection – Mandatory Technical Criteria



## ATTACHMENT 1 to PART 4, TECHNICAL CRITERIA

### Mandatory Technical Criteria

The bid must meet the mandatory technical criteria specified below. The Bidder must provide the necessary documentation to support compliance with this requirement.

Bids which fail to meet the mandatory technical criteria will be declared non-responsive. Each mandatory technical criterion should be addressed separately.

<b>Mandatory Technical Criteria (MT)</b>			
<b>Number</b>	<b>Mandatory Technical Criterion</b>	<b>Bid Preparation Instructions</b>	<b>Reference to Page / Proposal</b>
<b>MT1</b>	The Bidder must demonstrate the company and/or calibration method accredited to ISO/IEC 17025 with CLAS, or equivalent (eg. A2LA with ILAC).	Proof of Accreditation must be provided at time of bid closing.	



## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue, whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

### 5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

#### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the Integrity declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

### 5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame specified will render the bid non-responsive.

#### 5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

#### 5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid list at the time of contract award.



## PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

### 6.1 Security Requirements

1. Before award of a contract, the following conditions must be met:
  - (a) the Bidder must hold a valid organization security clearance as indicated in Part 7 - Resulting Contract Clauses;
  - (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work sites must meet the security requirements as indicated in Part 7 - Resulting Contract Clauses;
  - (c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites;
2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful Bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, Bidders should refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.



## PART 7 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

### 7.1 Statement of Work

The Contractor must perform the work in accordance with the Statement of Work in Annex A.

#### 7.1.2 Location of Work, Work site and Delivery Point

745 Logan Avenue, Winnipeg, Manitoba R3E 3L5  
1015 Arlington Street, Winnipeg, Manitoba R3E 3M4

### 7.2 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

#### 7.2.1 General Conditions

[2035](#) (2022-05-12), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.

#### 7.2.2 Supplemental General Conditions

##### 7.2.2.1 On-Site Maintenance (**B9025C**)

The Contractor must perform on-site maintenance and related services with respect to Canada-owned equipment and components located at the site(s) identified in the contract.

### 7.3 Security Requirements

Unscreened contractors must be escorted:

1. Unscreened contractors must be escorted by an employee or Commissionaire at all times when visiting Government of Canada facilities.
2. Information which is to be used in the development of the contracted product, as reference material or otherwise made available to the contractor must be unclassified material and considered to be releasable to the public by HC/PHAC and/or The Government of Canada.
3. No Protected or Classified information is to be made available to the contractor, used in the production of the contracted product, or produced as a result of this contract.

### 7.4 Term of Contract

#### 7.4.1 Period of the Contract

The period of the Contract is from January 6, 2023 to January 5, 2027 inclusive.

### 7.5 Authorities

#### 7.5.1 Contracting Authority

The Contracting Authority for the Contract is:



Name: Montana Myers
Title: Procurement and Contracting Officer, Health Canada
Telephone: 613-447-7684
E-mail address: montana.myers@hc-sc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

7.5.2 Project Authority

The Project Authority for the Contract is:

Name:
Title:
Organization:
Address:
Telephone:
Facsimile:
E-mail address:

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority; however, the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

7.5.3 Contractor's Representative

Name:
Title:
Organization:
Address:
Telephone:
Facsimile:
E-mail address:

7.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a Public Service Superannuation Act (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2019-01 of the Treasury Board Secretariat of Canada.

7.7 Payment

7.7.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B, for a cost of \$. Customs duties are included and Applicable Taxes are extra.



Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

## 7.7.2 Method of Payment

### 7.7.2.1 Monthly Payment

SACC Manual Clause [H1008C](#) (2008-05-12) – Monthly Payment

## 7.8 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

Each invoice must be supported by:

- a. a copy of the release document and any other documents as specified in the Contract;
  - b. a copy of the monthly progress report.
2. Invoices must be distributed as follows:
    - a. One (1) electronic copy must be forwarded to the Project Authority and to [p2p.invoices-factures@hc-sc.gc.ca](mailto:p2p.invoices-factures@hc-sc.gc.ca) for certification and payment.

## 7.9 Certifications and Additional Information

### 7.9.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

## 7.10 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Manitoba.

## 7.11 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) [B9025C](#) (2008-12-12) On-Site Maintenance;
- (c) [2035](#) (2022-05-12), General Conditions - Higher Complexity - Services, apply to and form part of the Contract;
- (d) Annex A, Statement of Work;
- (e) Annex B, Basis of Payment;
- (f) the Contractor's bid dated \_\_\_\_\_.





## 7.12 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance - No Specific Requirement

## 7.13 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".



## ANNEX A - STATEMENT OF WORK

### 1. TITLE

Centrifuge Preventive Maintenance and Calibration Service

### 2. SCOPE

#### 2.1. Introduction

The National Microbiology Laboratory Branch (NMLB) facilities require that numerous centrifuges of varying make and manufacture receive preventive maintenance services and re-calibration on an annual or biennial basis, as required by each centrifuge unit's maintenance schedule.

Each centrifuge serviced requires:

- General inspection and cleaning of cylinder, rotors, cups/buckets, power cords, o-ring/seals, and any other parts that undergo regular wear and tear;
- Advise repair/replacement of concerns found in general inspection;
- O-ring inspection and replacement, where required/where damage observed;
- Re-lubrication of o-rings;
- Inspection of rotor pins and locking mechanisms;
- Temperature calibration, where applicable on models with temperature controls;
- RPM/RCF re-calibration, where possible;
- Ultracentrifuges additionally require tubing replacements; oil changes; rotor inspections; card reader inspections (where applicable), vacuum grease, etc. to ensure their safe operation; and
- Provide preventive maintenance certificate and a calibration certificate that notes the measurements taken, reference equipment used, and measurement uncertainty applied.

The winning tender shall have their company and/or calibration method accredited to ISO/IEC 17025 with CLAS, or equivalent (e.g. A2LA with ILAC).

#### 2.2. Objectives of the Requirement

In order to continue to deliver a high standard of service to Canadians, the NMLB requires that the centrifuges used in its facilities on ISO/IEC 17025 accredited diagnostic tests are well-maintained, in good working order, and provide traceable and reliable performance results in both the diagnostic testing and research laboratories.

#### 2.3. Background and Specific Scope of the Requirement

The Contractor is required to maintain accreditation to ISO/IEC 17025 with CLAS or equivalent (e.g. A2LA with ILAC). Preventative maintenance and calibration service is overdue due to pandemic delays.

Preventive maintenance and calibration service shall occur annually or biennially, as determined by the operational requirements indicated on the inventory. This service shall include equipment inspection as stated in section 2.1. As the centrifuge inventory at the NMLB Winnipeg is vast, it may be necessary for to make multiple trips to the laboratories to complete the scope of work.



The Contractor will be required to perform centrifuge PM and calibration services in both containment level two (CL2) and containment level three (CL3) laboratories.

### **3. REQUIREMENTS**

#### **3.1. Tasks, Activities, Deliverables and/or Milestones**

The tasks and activities to be performed by the Contractor include those tasks, activities and deliverables noted in section 2.1. The work performed will be arranged according to a mutually agreeable schedule for both Contractor and Project Authority. This may require more than one visit to the laboratory over the course of this contract.

The Contractor shall have their calibration method accredited to ISO/IEC 17025 with CLAS, or equivalent (e.g. A2LA with ILAC) and shall provide their laboratory accreditation number with the applicable scope of service related to centrifuge calibration and service.

The Contractor shall provide PM service certificates/Calibration certificates in an electronic, PDF format.

#### **3.2. Specifications and Standards**

The Contractor shall have their calibration method accredited to ISO/IEC 17025 with CLAS, or equivalent (e.g. A2LA with ILAC) and shall provide their laboratory accreditation number with the applicable scope of service related to centrifuge calibration and service.

#### **3.3. Technical, Operational and Organizational Environment**

The Contractor will be required to perform centrifuge PM and calibration services in both containment level two (CL2) and containment level three (CL3) laboratories.

For CL3 entry, the tendered contractor will be required to attend a mandatory contractor orientation session provided by CSCHAH staff. Additionally, they will have to meet with the CSCHAH Occupational Health Nurse to privately review their medical fitness to work in a CL3 environment. In some cases, a medical review will need to be conducted by a physician to discuss contractor health, exposure risks, and the possibility of vaccination assessment and determination of titre levels.

Because of the security requirements around entry to the CSCHAH, and especially the CL3 spaces, Secret Security clearance MAY be required. Winnipeg Lab Security will help make this determination prior to awarding the contract.

#### **3.4. Method and Source of Acceptance**

The Contractor shall have their calibration method accredited to ISO/IEC 17025 with CLAS, or equivalent (e.g. A2LA with ILAC) and shall provide their laboratory accreditation number with the applicable scope of service related to centrifuge calibration and service.

The Contractor must demonstrate that they use traceable reference standards that undergo routine calibration by a third party provider, (also with accreditation to a recognized international standard) and use approved manufacturer's specifications (wherever possible) when servicing centrifuges.

#### **3.5. Reporting Requirements**



The Contractor must submit one (1) electronic copy of the PM service and calibration report for each of the centrifuges serviced to the Project Authority within a week of completing the agreed upon number of centrifuges scheduled for service appointment.

Upon successful completion of the PM service and calibration of a centrifuge, the final report shall include, but not limited to:

- Name of Company (providing the service);
- Unique Certificate Number;
- Customer Name and Address;
- Location of centrifuge;
- Make, Model, Asset Number and Serial Number of centrifuge;
- Verification – itemized checklist: A list of items that the Contractor must check while inspecting a centrifuge. This can include, but not limited to and where applicable: power cable/adaptor, switches/keyboard, display, rotor serial number, rotor maximum speed (rpm), rotor accessories, door latch/ emergency latch condition, circuit boards, hydraulic condition in lid, motor, brushes, compressor/ventilator, deacceleration control, door gasket, and unbalance sensor;
- Manufacturer's (preferred) or Customer Specifications (where applicable) including: Parameters (speed [rpm], time [min.], temperature [°C], Range, and Tolerance
- Verification Readings: As Found and As Left Results including: Parameter (Speed 1 [rpm], Speed 2 [rpm], Temperature [°C], and Time (min); Set Point; and Displayed values;
- Status of Conformity to Specifications (PASS/FAIL);
- Comments and/or required repairs (where applicable);
- Identification of Certified Reference Standards;
- Name of Service Technician performing service;
- Calibration date;
- Calibration due date (if requested by Project Authority);
- Client Approval and Date;
- Identify the service procedure used (i.e., SOP code identification)

### **3.6. Project Management Control Procedures**

The Project Authority will be in contact with the Contractor to provide up-to-date inventories for service. Some centrifuges will require annual PM and Calibration services, while others will be on a biennial schedule. Upon arrival at the lab, the Project Authority, or designate, will host and accompany the Contractor to the various locations where centrifuges are housed. At the end of each service day, Project Authority will have a meeting with the Contractor to check the daily progress and update the Project Authority with any issues/repair requirements associated with the centrifuge PM and Calibration service.

The Project Authority will make arrangements with the Contractor to schedule mutually agreeable service date(s).

Details of the payment shall be specified by the PHAC contract management authority / Finance department.



The Contractor shall receive payment upon completion of scheduled centrifuge PM and Calibration services.

#### **4. ADDITIONAL INFORMATION**

##### **4.1. Canada's Obligations**

Canada will provide to the following to the Contractor when Centrifuge PM and Calibration service is being performed:

- access to facilities and equipment (i.e. centrifuges in the scope of this SoW)
- access to a staff member who will be available to coordinate activities and host the contractor
- provide updated centrifuge inventories within five (5) working days of the Contractor attending the facility
- provide other host assistance or support related to the completion of the PM and Calibration service.

##### **4.2. Contractor's Obligations**

- Unless otherwise specified, the Contractor must use its own equipment and software for the performance of this Statement of Work.
- Contractor must obtain IT approval from NML IT Security if they are required to plug any device/USB to the computer for upgrades, maintenance or troubleshooting.
- If Contractor is required to gain access to the Government of Canada devices at any time, they must read and adhere to the HC/PHAC policies specifically the Acceptable Use of Electronic Device and Network Standard. See attached to Contract.
- Contractor will not store any Government of Canada data on Contractor's IT equipment or media.
- Contractor must maintain accreditation to ISO/IEC 17025 with CLAS, or equivalent (e.g. A2LA with ILAC) throughout the period of the contract.

##### **4.3. Location of Work, Work site and Delivery Point**

The location of centrifuge PM service and calibration will be in Winnipeg, Manitoba, at the NMLB facilities, i.e. the Canadian Science Centre for Human and Animal Health and the JC Wilt Infectious Disease Research Centre.

Due to existing workload and deadlines, all personnel assigned to any contract resulting from this RFP must be ready to work in close and frequent contact with the Project Authority and other departmental personnel.

##### **4.4. Language of Work**

Centrifuge PM service and calibration work performed will be completed in English, including communication with the Project Authority, Invoices, and Service Reports & Calibration Certificates.

#### **5. PROJECT SCHEDULE**

##### **5.1. Schedule and Estimated Level of Effort (Work Breakdown Structure) (if applicable)**



The Contractor will complete the PM service and calibration within 30 calendar days of booking an onsite visit to the NMLB facilities. Due to the service requirements of each individual centrifuge, service time per unit will vary.

Normal business hours in which to complete the work are Monday to Friday, 8:30am – 4:30pm. There may be flexibility to work outside of these hours, but will require agreement from the Project Authority and applicable security requirements. Bidding companies should include considerations for weekend work and/or after normal business hour arrangements in their tender bids.

**6. APPLICABLE DOCUMENTS AND GLOSSARY**

**6.1. Relevant Terms, Acronyms and Glossaries**

<b>Abbreviation</b>	<b>Meaning</b>
CLAS	Calibration Laboratory Assessment Service
CSCHAH	Canadian Science Centre for Human and Animal Health
JCWIDRC	JC Wilt Infectious Disease Research Centre
ILAC	International Laboratory Accreditation Cooperation
NMLB	National Microbiology Laboratory Branch



ANNEX B – BASIS OF PAYMENT

Contract Year 1: From January 6, 2023 to January 5, 2024					
Manufacturer	Model No.	Refrigerated?	Asset No.	Serial No.	Annual Service
Eppendorf	5417R	Y	PHAC-001316	5407XI826112	\$
Thermo	Sorval ST16	N	PHAC-5024518	41317630	\$
Thermo	Sorvall Legend XT	N	PHAC-5005179	41457387	\$
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$
Hettich	Rotina 38R	Y	HC-005753	154	\$
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$
Eppendorf	5430	N	PHAC-5000731	5427XN306540	\$
Thermo	Sorval ST-16R	Y	PHAC-5016900	42191025	\$
Eppendorf	5424	N	PHAC-5025603	5424CH449594	\$
Eppendorf	5417R	Y	HC-000518	540704659	\$
Eppendorf	5424R	Y	PHAC-5005108	5404BG007756	\$
Eppendorf	5424	N	PHAC-000805	54240005278	\$
Eppendorf	5430R	Y	PHAC-5002205	5428YL606056	\$
Eppendorf	5417R	Y	HC-007234	0021177	\$
Eppendorf	5430R	Y	PHAC-5004872	5428BP916550	\$
Eppendorf	5415R	Y	PHAC-5001793	5426YL130635	\$
Eppendorf	5804R	Y	PHAC-5023966	58051RO73025	\$
Eppendorf	5415D	N	HC-003197	542522547	\$
Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$
Eppendorf	5417R	Y	HC-001045	540701693	\$
Eppendorf	5415D	N	HC-006755	0067773	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$



Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$
Thermo	Sorvall ST8	N	PHAC-5018254	Unknown	\$
Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$
Eppendorf	5415R	U	PHAC-001138	20545	\$
Eppendorf	5430	U	PHAC-5005083	5427A140061	\$
Thermo	CL30R	U	PHAC-001367	307120175	\$
Thermo	CL30R	U	PHAC-001089	307110721	\$
Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$
Thermo Electron Corporation	IEC-CL30	N	PHAC-00167	307110277	\$
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$
Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$
Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$
Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Heraeus Instruments	Megafuge 1.0	N	HC-000222	243835	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$
Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5424R	Y	PHAC-5005074	5404BG507727	\$
Eppendorf	5424R	Y	PHAC-5005075	Unknown	\$
Sorvall/Thermo	Legend XTR	Y	PHAC-5001957	41285744	\$





Eppendorf	5424	N	PHAC-001569	12830	\$
Sorvall	LEGEND RT	Y	HC-007254	40663513	\$
Eppendorf	5417R	Y	PHAC-002030	5401XI426135	\$
Eppendorf	5415D	N	HC-005347	54250057362	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016551	42047546	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5008796	41993771	\$
Thermo	Sorvall ST16R	Y	PHAC-5001777	41046899	\$
Thermo	Sorvall Legend X1R	Y	PHAC-5018468	42231622	\$
Eppendorf	centrifuge 5425	N	PHAC-5021428	5405IH210932	\$
Eppendorf	centrifuge 5424R	Y	PHAC-5016581	5404FP324608	\$
Thermo	Micro 21R	Y	PHAC-5002528	41044307	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
Eppendorf	5424	N	PHAC-5003422	5424ZN432519	\$
Eppendorf	5430R	Y	PHAC-5001802	5428YK905842	\$
Eppendorf	5424	N	PHAC-5002006	5424YK525140	\$
Eppendorf	5424	N	PHAC-5002973	5424ZI230050	\$
Eppendorf	5430R	Y	PHAC-5005252	5428CL317958	\$
Eppendorf	5418	Y	PHAC-5025737	5418020022	\$
Sorvall	ST40R	Y	PHAC-5004922	41493929	\$
Sorvall	Legend Micro21	N	PHAC-5024834	41412221	\$
Eppendorf	5920R	Y	PHAC-5026393	5948JQ103149	\$
Eppendorf	5920R	Y	PHAC-5026395	5948JP503101	\$
Eppendorf	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
Eppendorf	5920R	Y	PHAC-5026389	5948JP303086	\$



<b>Total</b>	\$ _____
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**Contract Year 2: From January 6, 2024 to January 5, 2025**

Unit Number	Model No.	Refrigerated?	Asset No.	Serial No.	Annual Service
Thermo Scientific	Sorval ST16	N	PHAC-5024518	41317630	\$ _____
Thermo Scientific	Sorvall Legend XT	N	PHAC-5005179	41457387	\$ _____
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$ _____
Hettich	Rotina 38R	Y	HC-005753	154	\$ _____
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$ _____
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$ _____
Eppendorf	5415D	N	HC-003197	542522547	\$ _____
Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$ _____
Eppendorf	5417R	Y	HC-001045	540701693	\$ _____
Eppendorf	5415D	N	HC-006755	0067773	\$ _____
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$ _____
Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$ _____
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$ _____
Thermo Scientific	Sorvall ST8	N	PHAC-5018254	Unknown	\$ _____
Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$ _____
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$ _____
Eppendorf	5415R	U	PHAC-001138	20545	\$ _____
Eppendorf	5430	U	PHAC-5005083	5427A140061	\$ _____
Thermo Scientific	CL30R	U	PHAC-001367	307120175	\$ _____
Thermo Scientific	CL30R	U	PHAC-001089	307110721	\$ _____
Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$ _____
Thermo Electron Corporation	IEC-CL30	N	PHAC-00167	307110277	\$ _____
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$ _____
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$ _____



Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$
Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$
Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$
Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
Eppendorf	5920R	Y	PHAC-5026393	5948JQ103149	\$
EPPENDORF	5920R	Y	PHAC-5026395	5948JP503101	\$
EPPENDORF	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026389	5948JP303086	\$
<b>Total</b>					<b>\$</b> _____

Contract Year 3: From January 6, 2025 to January 5, 2026 – Inventory Repeat of Year 1					
Manufacturer	Model No.	Refrigerated?	Asset No.	Serial No.	Annual Service



Eppendorf	5417R	Y	PHAC-001316	5407XI826112	\$
Thermo	Sorval ST16	N	PHAC-5024518	41317630	\$
Thermo	Sorvall Legend XT	N	PHAC-5005179	41457387	\$
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$
Hettich	Rotina 38R	Y	HC-005753	154	\$
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$
Eppendorf	5430	N	PHAC-5000731	5427XN306540	\$
Thermo	Sorval ST-16R	Y	PHAC-5016900	42191025	\$
Eppendorf	5424	N	PHAC-5025603	5424CH449594	\$
Eppendorf	5417R	Y	HC-000518	540704659	\$
Eppendorf	5424R	Y	PHAC-5005108	5404BG007756	\$
Eppendorf	5424	N	PHAC-000805	54240005278	\$
Eppendorf	5430R	Y	PHAC-5002205	5428YL606056	\$
Eppendorf	5417R	Y	HC-007234	0021177	\$
Eppendorf	5430R	Y	PHAC-5004872	5428BP916550	\$
Eppendorf	5415R	Y	PHAC-5001793	5426YL130635	\$
Eppendorf	5804R	Y	PHAC-5023966	58051RO73025	\$
Eppendorf	5415D	N	HC-003197	542522547	\$
Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$
Eppendorf	5417R	Y	HC-001045	540701693	\$
Eppendorf	5415D	N	HC-006755	0067773	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$
Thermo	Sorvall ST8	N	PHAC-5018254	Unknown	\$
Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$
Eppendorf	5415R	U	PHAC-001138	20545	\$



Eppendorf	5430	U	PHAC-5005083	5427A140061	\$
Thermo	CL30R	U	PHAC-001367	307120175	\$
Thermo	CL30R	U	PHAC-001089	307110721	\$
Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$
Thermo Electron Corporation	IEC-CL30	N	PHAC-00167	307110277	\$
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$
Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$
Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$
Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Heraeus Instruments	Megafuge 1.0	N	HC-000222	243835	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$
Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5424R	Y	PHAC-5005074	5404BG507727	\$
Eppendorf	5424R	Y	PHAC-5005075	Unknown	\$
Sorvall/Thermo	Legend XTR	Y	PHAC-5001957	41285744	\$
Eppendorf	5424	N	PHAC-001569	12830	\$
Sorvall	LEGEND RT	Y	HC-007254	40663513	\$
Eppendorf	5417R	Y	PHAC-002030	5401XI426135	\$
Eppendorf	5415D	N	HC-005347	54250057362	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016551	42047546	\$



Thermo Scientific	Sorvall ST 40R	Y	PHAC-5008796	41993771	\$
Thermo	Sorvall ST16R	Y	PHAC-5001777	41046899	\$
Thermo	Sorvall Legend X1R	Y	PHAC-5018468	42231622	\$
Eppendorf	centrifuge 5425	N	PHAC-5021428	5405IH210932	\$
Eppendorf	centrifuge 5424R	Y	PHAC-5016581	5404FP324608	\$
Thermo	Micro 21R	Y	PHAC-5002528	41044307	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
Eppendorf	5424	N	PHAC-5003422	5424ZN432519	\$
Eppendorf	5430R	Y	PHAC-5001802	5428YK905842	\$
Eppendorf	5424	N	PHAC-5002006	5424YK525140	\$
Eppendorf	5424	N	PHAC-5002973	5424ZI230050	\$
Eppendorf	5430R	Y	PHAC-5005252	5428CL317958	\$
Eppendorf	5418	Y	PHAC-5025737	5418020022	\$
Sorvall	ST40R	Y	PHAC-5004922	41493929	\$
Sorvall	Legend Micro21	N	PHAC-5024834	41412221	\$
EPPENDORF	5920R	Y	PHAC-5026393	5948JQ103149	\$
EPPENDORF	5920R	Y	PHAC-5026395	5948JP503101	\$
EPPENDORF	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026389	5948JP303086	\$
<b>Total</b>					<b>\$</b> _____

**Contract Year 4: From January 6, 2026 to January 5, 2027 – Inventory Repeat of Year 2**



Unit Number	Model No.	Refrigerated?	Asset No.	Serial No.	Annual Service
Thermo Scientific	Sorval ST16	N	PHAC-5024518	41317630	\$
Thermo Scientific	Sorvall Legend XT	N	PHAC-5005179	41457387	\$
Hettich	Mikro 22R	Y	HC-005363	0003489-05-00	\$
Hettich	Rotina 38R	Y	HC-005753	154	\$
Eppendorf	5418R	Y	PHAC-5001891	5401ZO604668	\$
Eppendorf	5415R	Y	PHAC-000069	54260021543	\$
Eppendorf	5415D	N	HC-003197	542522547	\$
Eppendorf	5430	N	PHAC-5002292	5427XO006977	\$
Eppendorf	5417R	Y	HC-001045	540701693	\$
Eppendorf	5415D	N	HC-006755	0067773	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003754	0003547	\$
Hettich Zentrifugen	Rotofix 32	N	HC-003932	0003534	\$
Hettich Zentrifugen	Rotofix 32	N	HC-006811	0009551	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5018254	Unknown	\$
Hettich	Universal 32R	Y	HC-003697	0344830-01-00	\$
Thermo Scientific	Legend Micro 21R	U	PHAC-5005143	41409913	\$
Eppendorf	5415R	U	PHAC-001138	20545	\$
Eppendorf	5430	U	PHAC-5005083	5427A140061	\$
Thermo Scientific	CL30R	U	PHAC-001367	307120175	\$
Thermo Scientific	CL30R	U	PHAC-001089	307110721	\$
Eppendorf	5424R	Y	PHAC-5025067	5404BN209777	\$
Thermo Electron Corporation	IEC-CL30	N	PHAC-00167	307110277	\$
Eppendorf	5424	U	PHAC-5004800	5424BL546121	\$
Eppendorf	5430R	Y	PHAC-5004801	5428BPqK534	\$
Eppendorf	5424	N	PHAC-5002537	5424YO027388	\$
Eppendorf	5417R	Y	PHAC-5010216	540715612	\$
Eppendorf	5417R	Y	PHAC 5010220	5407 16410	\$



Eppendorf	5430	N	PHAC-5010192	5427AR313796	\$
Eppendorf	5810R	Y	PHAC-5010370	5811XN441700	\$
Eppendorf	5417C	N	PHAC-5010191	541709128	\$
Eppendorf	5810R	Y	PHAC-5001099	0039398	\$
Thermo Scientific	Sorvall ST 16R	Y	PHAC-5001965	71267539	\$
Eppendorf	5425	N	PHAC-000936	0006326	\$
Eppendorf	5418R	Y	PHAC-5021337	5401HR009328	\$
Thermo Scientific	Sorvall ST8	N	PHAC-5009321	720013122425	\$
Thermo Scientific	Sorvall ST-8R	Y	PHAC-5018285	42216022	\$
Eppendorf	5417C	N	HC-007038	54170023361	\$
Eppendorf	5430	N	PHAC-5001671	5427YH808472	\$
Eppendorf	5417C	N	PHAC-5010114	21076	\$
Thermo Scientific	Sorvall ST 40R	Y	PHAC-5016550	42035634	\$
Mandel	Spectrafuge 24D	U	PHAC-5024803	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026393	5948JQ103149	\$
EPPENDORF	5920R	Y	PHAC-5026395	5948JP503101	\$
EPPENDORF	5920R	Y	PHAC-5026391	5948JP703087	\$
Unknown	Unknown	U	PHAC-5011510	Unknown	\$
EPPENDORF	5920R	Y	PHAC-5026389	5948JP303086	\$
<b>Total</b>					\$ _____