



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

Public Health Agency of Canada / Agence de la santé publique du Canada

Attn: Montana Myers
Email: 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 / Agence de la santé publique du Canada
200, Eglantine Driveway
Tunney's Pasture
Ottawa Ontario K1A 0K9

Title – Sujet Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS) Farm Dairy Cattle Collection and Dairy Cattle and Poultry Pathogen Testing	
Solicitation No. – N° de l'invitation 1000251502	Date June 26, 2023
Solicitation Closes at 2 :00PM – L'invitation prend fin à on / le – August 10, 2023	Time Zone Fuseau horaire EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à : Name: Montana Myers Email: montana.myers@hc-sc.gc.ca	
Destination – of Goods, Services, and Construction: Destination – des biens, services et construction : See Herein – Voir ici	
Delivery required - Livraison exigée See Herein – Voir ici	
Vendor/firm Name and address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Facsimile No. – N° de télécopieur : Telephone No. – N° de téléphone :	
Name and title of person authorized to sign on behalf of Vendor/firm Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur	
<hr/> (type or print)/ (taper ou écrire en caractères d'imprimerie)	
<hr/> Signature	<hr/> Date



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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 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 Federal Contractors Program for Employment Equity - Certification, and any other annexes.

1.2 Summary

The Public Health Agency of Canada (PHAC), Centre for Foodborne Environmental Zoonotic Infectious Disease (CFEZID), Food-borne Disease and AMR Surveillance Division (FDASD) requires the services of a microbiological laboratory. Expertise is required for the primary isolation, identification and sensitivity susceptibility testing of *Salmonella*, *Campylobacter*, and *E. coli* in dairy cattle, as well as common mastitis causing pathogens such as *Streptococcus* species, *Staphylococcus* species (both coagulase positive and negative), *Klebsiella* species, and other bacteria of interest in dairy cattle. Expertise is required for the same testing abilities of *Salmonella*, *Campylobacter*, and *E. coli* in poultry samples. Expertise and in-depth knowledge of dairy cattle is also required by the provider for fieldwork sample collection on dairy farms, conducted by designated staff in the Maritime region. This requirement is part of the Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS)/FoodNet Canada on-farm Dairy and Poultry surveillance initiatives.

The period of the contract will go until March 31, 2025, with the option for three (3) additional one (1) year periods as well as optional services (including additional dairy sample lab work, poultry sample lab work, and dairy fieldwork sample collection in the Maritime region) within each year.

The Contractor shall report on an annual basis, the primary isolation results listing all of the samples received and whether they were positive for the organism of interest, and the susceptibility results by antimicrobial. All invoicing must be submitted by March 31st annually.

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.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 90 days

2.2 Submission of Bids

Bids must be submitted only to 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: 2019-01](#) 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 Ontario.

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 CPC 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;
- Section II: Financial Bid, one electronic copy,
- Section III: Certifications, one electronic copy.

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 the Basis of Payment in Annex B.

Section III: Certifications

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



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

4.1.1.1 Mandatory Technical Criteria

Attention Bidders: Write beside each of the criteria the relevant page number(s) from your proposal which addresses the requirement identified in the criteria.			
Mandatory Technical Criteria	Bid Preparation Instructions	Cross-Reference to bid (indicate page #)	
Company			
The bidder must provide evidence they have the capability to undertake and complete the work.			
M1	The Bidder must demonstrate they have five (5) years' experience, within the last ten (10) years, in the fields of veterinary microbiology (bacteriology), infectious disease epidemiology, veterinary medicine, and dairy cattle expertise (dairy cattle specific bacteria). PROJECT DESCRIPTIONS MUST INCLUDE: 1. The start and end dates of the project; 2. A brief description of the scope and complexity of the project (no longer than 500 words); 3. The name and contact information of the client, if applicable (project authority, telephone number and email address). ** Canada reserves the right to contact references to validate experience.	Demonstration through credentials, current or completed projects, publications, involvement in working groups/committees, or other relevant milestones or experience related to this expertise must be included in the bid.	
M2	The bidder must demonstrate, by supplying relevant documentation at bid closing, that they have: a) at least one method for the detection of <i>Campylobacter</i> in dairy and poultry fecal and dairy milk samples b) at least one method for the detection of <i>Salmonella</i> in dairy and poultry fecal and dairy milk samples c) at least one method for the detection of <i>E. coli</i> in dairy and poultry fecal and dairy milk samples d) at least one method for the detection of common mastitis causing pathogens (e.g., <i>Streptococcus</i> sp., <i>Staphylococcus</i> sp., <i>Klebsiella</i> sp....)	Proof of detection methods for all pathogens to be tested, as indicated in section 3.1 of the RFP (in the form of SOPs / methodology guidelines) must be provided at time of bid closing	



<p>M3</p>	<p>The bidder must demonstrate in their proposal that they have 5 years experience within the last 10 years working with/testing milk and fecal samples for various enteric and mastitis causing pathogens.</p> <p>PROJECT DESCRIPTIONS MUST INCLUDE:</p> <ol style="list-style-type: none"> 1. The start and end dates of the project; 2. A brief description of the scope and complexity of the project (no longer than 500 words); 3. The name and contact information of the client, if applicable (project authority, telephone number and email address). <p>** Canada reserves the right to contact references to validate experience.</p>	<p>Demonstration must be provided in the form of project summaries of previous work in the area of milk and fecal sample testing.</p>	
<p>M4</p>	<p>The bidder must demonstrate in their proposal that the proposed lab has completed at least one (1) project involving <u>surveillance activities</u> within the past five (5) years demonstrating the ability to perform primary isolation and antimicrobial susceptibility of the milk pathogens <i>E. coli</i>, <i>Salmonella</i>, <i>Campylobacter</i>, and other common mastitis causing pathogens, and the enteric organisms <i>E. coli</i>, <i>Salmonella</i>, and <i>Campylobacter spp.</i></p> <p>AND</p> <p>has completed at least (1) project in <u>research-based activities</u> within the past five (5) years demonstrating the ability to perform primary isolation and antimicrobial susceptibility of the milk pathogens <i>E. coli</i>, <i>Salmonella</i>, <i>Campylobacter</i>, and other common mastitis causing pathogens., and the enteric organisms <i>E. coli</i>, <i>Salmonella</i>, and <i>Campylobacter spp.</i></p> <p>Project descriptions should include:</p> <ul style="list-style-type: none"> • start and end dates; • brief description of the scope and complexity, highlighting the surveillance and research-based activities performed. 	<p>Demonstration of laboratory experience in relevant surveillance activities AND research-based activities must be provided in the form of project summaries, outlining the start and end dates, as well as description of projects).</p>	
<p>M5</p>	<p>The bidder must provide a description of their Quality Assurance and Quality Control practices and procedures including, but not limited to, equipment calibration, culture and susceptibility testing, following of standard operating procedures for equipment, etc..</p>	<p>Description must be provided at time of bid closing.</p>	
<p>M6</p>	<p>The Bidder must demonstrate that they have access to a Matrix-Assisted Laser Desorption Ionization Time-Of-Flight mass spectrometry (MALDI-TOF MS)</p> <p>The Bidder must provide the information required for one (1) project in which they have used this technology in the past three (3) years; 1) The start and end dates of the project/job; 2) A description of the services provided.</p>	<p>Demonstration must be provided at time of bid closing.</p>	
<p>M7</p>	<p>The Bidder must demonstrate that they have access</p>	<p>Demonstration must be</p>	



	to Sensititre technology for susceptibility testing. The Bidder must provide the information required for one (1) project in which they have used this technology in the past three (3) years; 1) The start and end dates of the project/job;2) A description of the services provided.	provided at time of bid closing.	
M8	The Bidder must propose and identify a team of resources to fulfil the requirements and deliverables in the Statement of Work. One of the proposed resources must be identified as the Project Lead who shall be the single point of contact. The Bidder must also identify a lab technician as well as field staff to conduct the sampling and services required.	Demonstration must be provided at the time of bid closing. The Bidder must provide the resumes of each team member.	
Resources: Project Lead, Lab Technician, Field Staff			
M9	The Bidder must demonstrate that the proposed Project Lead has five (5) years experience, within the last ten (10) years in livestock production, specifically relating to the Canadian dairy industry.	Demonstration of experience must be provided in the form of the Project Lead's CV at the time of bid closing.	
M10	The Bidder must demonstrate that the proposed lab technician has five (5) years experience, within the last ten (10) years in testing and handling of dairy cattle specific samples and related enteric pathogens (in milk and feces).	Demonstration of experience must be provided in the form of the lab technician's resume at the time of bid closing.	
M11	The Bidder must attest that the proposed field staff/technician is located in one of the maritime provinces and will travel to up to 60 farms in this region (if required). The proposed field staff/technician must have three (3) years experience within the last five (5) years working directly on dairy cattle operations and collecting samples on these farms.	Demonstration through a current or previous project plan and a resume or CV, of means to comply with all criteria must be included in bid.	

4.1.1.2 Point Rated Technical Criteria

Minimum overall score

The overall percentage required is 70% in order for a Bidder to be deemed compliant. Bids that fail to meet the minimum score of (22) points will be declared non-responsive and no further consideration will be given to the bid.

#	Point-Rated Technical Criteria	Points allocated	Bid Preparation Instructions	Cross-Reference to bid (indicate page #)
Company				
R1	The Bidder should provide a project plan of a previous project in the fields of veterinary microbiology (bacteriology), infectious disease	The submitted work plan:	Proof of project plan must be provided at time of bid	



	<p>epidemiology, veterinary medicine, or dairy cattle expertise (dairy cattle specific bacteria), that clearly demonstrates an approach leading to a successful completion of the project.</p> <p>The work plan should elaborate on the strategy and describe the various elements (as listed in Annex A, section 3) in detail, specifically including the following four components:</p> <ol style="list-style-type: none"> 1. Scope of work (the project objectives, what kind of samples were tested, what microorganisms were identified, and what testing was conducted) as well as the tasks (task breakdown, provision of detailed SOPs for laboratory methodology used) 2. Detailed description of how the project was managed, including testing and reporting deliverables, timelines and other project related milestones 3. Provision of SOPs related to quality control methodology and reporting requirements, providing detailed explanation of how the work was monitored. 4. Identify potential risks and problem areas and provide a realistic plan for mitigating risks 	<p>SCORING = Max 16 points</p> <p>Each component will be scored independently out of 4.</p> <p>4 points will be awarded for project plans providing a detailed explanation and supportive evidence of how they met a given component.</p> <p>2 points will be awarded for project plans providing some detail of how they met a given component but lacking supportive evidence.</p> <p>0 points will be awarded, for project plans which do not meet a given component requirement.</p>	<p>closing.</p> <p>Detailed project plans, which meet all criteria listed in Annex A section 3 will be awarded full marks.</p>	
<p>R2</p>	<p>The bidder should demonstrate by providing additional project descriptions, that the proposed laboratory has experience in excess of the project provided for M4 for surveillance activities within the last five (5) years. Project descriptions should include:</p> <ul style="list-style-type: none"> • Start and end dates; • Brief description of the scope and complexity highlighting the surveillance activities performed. 	<p>1 point per compliant project up to a maximum of 5 points</p>	<p>Description of compliant project(s) must be provided at time of bid closing.</p>	



RT3	<p>The bidder should demonstrate by providing additional project descriptions, that the proposed laboratory has experience in excess of the research-based project provided for M4 within the last five (5) years. Project descriptions should include:</p> <ul style="list-style-type: none"> • Start and end dates; • Brief description of the scope and complexity highlighting the research based activities performed. 	<p>1 point per compliant project up to a maximum of 5 points</p>	<p>Description of compliant project(s) must be provided at time of bid closing.</p>	
Resources: Project Lead				
RT4	<p>Beyond M9, the Bidder should demonstrate, using the proposed resource for Project Lead's CV, that the proposed resource for Project Lead has more than the minimum five (5) years (60 months) experience in livestock production, specifically relating to the Canadian dairy industry.</p>	<p>SCORING = Max 5 points</p> <p>61 to 72 months = 1 point 73 to 84 months = 2 points 85 to 96 months = 3 points 97 to 108 months = 4 points 109 to 120 months = 5 points</p>	<p>Description of additional experience in the form of the CV must be provided at the time of bid closing</p>	
Total Available Points			31	
Total Points required to be deemed compliant (70%)			22	
Final Score				

4.2 Basis of Selection

4.2.1 Highest Combined Rating of Technical Merit and Price [A0027T](#)

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation; and
 - b. meet all mandatory criteria; and
 - c. obtain the required minimum of 22 points overall for the technical evaluation criteria which are subject to point rating.
 The rating is performed on a scale of 31 points.
2. Bids not meeting (a) or (b) or (c) will be declared non-responsive.
3. The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 80% for the technical merit and 20% for the price.
4. To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 80% (insert the percentage for technical merit).
5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 20%.
6. For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.



7. Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by a 80/20 ratio of technical merit and price, respectively. The total available points equals 135 and the lowest evaluated price is \$45,000 (45).

Basis of Selection - Highest Combined Rating Technical Merit (80%) and Price (20%)			
	Bidder 1	Bidder 2	Bidder 3
Overall Technical Score	115/135	89/135	92/135
Bid Evaluated Price	\$55,000.00	\$50,000.00	\$45,000.00
Calculations	Technical Merit Score	$115/135 \times 80 = 68.15$	$89/135 \times 80 = 52.74$
	Pricing Score	$45/55 \times 20 = 16.36$	$45/50 \times 20 = 18.00$
Combined Rating	84.51	70.74	74.52
Overall Rating	1st	3rd	2nd



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.

5.2.3 Additional Certifications Precedent to Contract Award

5.2.3.1 Status and Availability of Resources

5.2.3.1.1 *SACC Manual* clause [A3005T](#) (2010-08-16) Status and Availability of Resources



5.2.3.2 Education and Experience

5.2.3.2.1 *SACC Manual* clause [A3010T](#) (2010-08-16) Education and Experience



PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Statement of Work

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

7.1.1 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex B of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

6.2 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.

6.2.1 General Conditions

[2035](#) (2022-12-01), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.

6.2.2 Supplemental General Conditions

6.2.2.1 Specific Person(s)

The Contractor must provide the services of the following person(s) to perform the Work as stated in the Contract: _____ (insert name(s) of person(s)).

6.3 Security Requirements

Unscreened contractors must be escorted by an employee or Commissionaire at all times when visiting Government of Canada facilities.

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 Health Canada / Public Health Agency of Canada and/or The Government of Canada.

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.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to March 31, 2025 inclusive.



6.4.2 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to three (3) additional one (1) year period(s) under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least thirty (30) calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Montana Myers
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.

6.5.2 Project Authority

The Project Authority for the Contract is:

Name:
Title:
Organization:
Address:

Telephone:
Facsimile: ____ - ____ - ____
E-mail address:

Alternate Contact :

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.

6.5.3 Contractor's Representative

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____-____-_____
Facsimile: ____-____-_____
E-mail address: _____

6.6 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.

6.7 Payment

6.7.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified in Annex B, for a cost of \$_____ (insert price at contract award). 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.

6.7.2 Limitation of Expenditure

1. Canada's total liability to the Contractor under the Contract must not exceed \$_____. (insert price at contract award) Customs duties are included and Applicable Taxes are extra.
2. No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
 - a. when it is 75% committed, or
 - b. four months before the contract expiry date, or
 - c. as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,

whichever comes first.
3. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.



6.7.3 Method of Payment

H1008C (2008-05-12), Monthly Payment

6.8 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.invoicesfactures@hc-sc.gc.ca for certification and payment.

6.9 Certifications and Additional Information

6.9.1 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.

6.10 Applicable Laws

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

6.11 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) the supplemental general conditions, A9014C (2006-06-16), Specific Person(s);
- (c) 2035 (2022-12-01), General Conditions - Higher Complexity - Services;
- (d) Annex A, Statement of Work;
- (e) Annex B, Basis of Payment;
- (f) the Contractor's bid dated _____, (*insert date of bid*)

6.12 Insurance

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

6.13 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

Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS) Farm Dairy Cattle Collection and Dairy Cattle and Poultry Pathogen Testing

2. Scope

2.1. Introduction

The Public Health Agency of Canada (PHAC), Centre for Foodborne Environmental Zoonotic Infectious Diseases (CFEZID), Food-borne Disease and AMR Surveillance Division (FDASD) requires the services of a microbiological laboratory. Expertise is required for the primary isolation, identification and sensitivity testing of *Salmonella*, *Campylobacter*, and *E. coli* in dairy cattle, as well as common mastitis causing pathogens such as *Streptococcus* species, *Staphylococcus* species (both coagulase positive and negative), *Klebsiella* species, and other bacteria of interest in dairy cattle. Expertise is required for the same testing abilities of *Salmonella*, *Campylobacter*, and *E. coli* in poultry samples. Expertise and in-depth knowledge of dairy cattle is also required by the provider for fieldwork sample collection on dairy farms, conducted by designated staff in the Maritime region. This requirement is part of the Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS)/FoodNet Canada Dairy and Poultry surveillance initiatives.

2.2. Objectives of Requirement

These projects are extensive interdisciplinary surveillance programs examining antimicrobial use (AMU) and antimicrobial resistance (AMR) and foodborne pathogens in dairy cattle and poultry. The goals of the proposed surveillance systems are to capture how both dairy cattle and poultry are raised in Canada with respect to AMU, and to detect emerging trends in AMU and AMR over time. The dairy surveillance system incorporates a One Health approach by including both mastitis pathogens, and enteric organisms of potential concern to human and animal health. By assessing the presence of AMR bacteria isolated from fecal and milk samples, which are close in proximity to the consumer, the surveillance system can provide information to inform enhanced antimicrobial stewardship on farms. The poultry surveillance system incorporates a One Health approach through the assessment of enteric organisms of potential concern to human health. Poultry flocks are sampled at least 1 week before shipment for slaughter because it is most proximal to the consumer. Through evaluation of the presence of AMR in fecal bacteria, which may pose a risk to human safety through fecal contamination of retail products or environmental pathways, the surveillance system can provide information for source attribution studies. The specific tasks associated with this project are outlined in section 3.1.

2.3 Background and Specific Scope of the Requirement

The Public Health Agency of Canada (PHAC) has a requirement to maintain and sustain national farm antimicrobial drug use and resistance surveillance programs for both dairy cattle and poultry across the major milk and poultry meat producing provinces under the Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS) and FoodNet Canada. These projects provide data on antimicrobial use and the occurrence of antimicrobial resistance in bacteria isolated from both dairy cattle and poultry. The results of these analyses will provide information on the epidemiology of foodborne pathogens, antimicrobial resistance, and antimicrobial use in dairy cattle and poultry production.

Collection of fecal samples is an important part of this surveillance system because feces may be a source of bacteria that can cause disease in humans, either through potential environmental or retail product contamination. Due to its proximity to consumers, for dairy cattle, collection of milk samples is also important for estimating bacterial burden on farm, and although less likely due to pasteurization, milk products (most likely raw milk products such as soft cheeses) may also be a source of bacteria that can



cause disease in humans.

Annually, following an *a priori* collection protocol, composite fecal samples, created from a pool of 5 fresh fecal pats from the pen floor, will be obtained from dairy cattle in each of the three production classes of interest: calf, heifer, and lactating cows, as well as a composite sample collected from 5 locations in each farm's manure pit. These samples will be collected by a regional field worker (RFW) with expertise and experience on dairy cattle operations and the ability to conduct on-farm sampling visits to dairy farms located in the Maritimes region. Bacteria that will potentially be identified include generic *E. coli*, *Campylobacter*, and *Salmonella*. At each annual sampling visit, one milk sample will also be collected by the RFW from each farm's bulk milk tank. Bulk tank milk (BTM) samples will be tested for *Salmonella*, *Campylobacter*, and common mastitis pathogens which may include: *Streptococcus* sp., *Staphylococcus* sp., *E. coli*, and *Klebsiella* sp. Antimicrobial susceptibility testing will be conducted on any of the above bacteria that are identified.

As a part of the poultry surveillance program, flocks are visited once annually by a designated veterinarian in the region for sample collection during the last week of growth (chickens more than 30 days of age). At each flock, four composite fecal samples, representing 1 per floor quadrant with at least 10 fecal droppings, are collected from randomly selected barns and floors (if multiple level/pen barn). A maximum of 60 grams per composite sample is required. Bacteria that will potentially be identified include generic *E. coli*, *Campylobacter*, and *Salmonella*. Antimicrobial susceptibility testing will be conducted on any of the above bacteria that are identified.

These programs are just some of the components contributing to foodborne disease surveillance and efforts to develop a national strategy for antimicrobial resistance and use in Canadian agriculture, a strategy which includes surveillance, research, risk assessment and the development and promotion of antimicrobial stewardship.

3. Requirements

3.1 Tasks, Activities, Deliverables and Milestones

In consultation with representatives of the Foodborne Disease and Antimicrobial Resistance Surveillance Division (FDASD), Centre for Food-Borne, Environmental and Zoonotic Infectious Diseases (CFEZID), and other project collaborators, the Contractor shall:

Dairy sample testing

- a. Using proper bench procedures to avoid cross contamination, the contractor will receive between 360/600 (number of samples without exercising any optional services per year/number of samples exercising all optional services per year) composite cattle fecal samples and 90/150 bulk tank milk (BTM) samples annually, based on a calendar year and additional optional services within each year. The following microorganisms will be identified:
 - i. *Salmonella* from manure samples
 - ii. *E. coli* from manure samples
 - iii. *Campylobacter* from manure fecal samples
 - iv. Common mastitis causing pathogens from milk samples (ex. *Staphylococcus* sp., *Streptococcus* sp., and *Klebsiella* sp.)
 - v. *E. coli* from milk samples
 - vi. *Salmonella* from milk samples
 - vii. *Campylobacter* from milk samples
- b. The contractor will conduct antimicrobial susceptibility testing, using sensititre (estimates are based on expected recovery rates), on approximately:
 - i. 350/580 *E. coli* (96% recovery), 25/40 *Salmonella* (6% recovery), and 195/320 *Campylobacter* (53% recovery) isolates recovered from fecal sampling.



- ii. 32/53 mastitis causing pathogens (35% recovery), 5/9 *E. coli* (6% recovery), 2/3 *Salmonella* (1-2% recovery), and 2/3 *Campylobacter* (1-2% recovery) isolates recovered from milk sampling.
- c. A specified number of isolates per positive sample and organism will be appropriately stored at the contracting laboratory as per the PHAC requirements.
- d. Results will be provided electronically in an agreed upon format in a Microsoft Excel spreadsheet. Completed results for the annual sampling should be submitted by a mutually agreed upon date. Results will include:
 - i. Primary isolation results listing all of the samples received, and whether they were positive for the organism of interest.
 - ii. Susceptibility results by antimicrobial.
- e. Invoicing for primary isolation and susceptibility testing can be submitted monthly or at an appropriate interval as agreed upon by both parties.
- f. The information and test results are considered confidential to the end users and PHAC and are not to be shared without permission of all parties involved.

Note: Positive *Salmonella* results on any of the sample types are considered reportable to Regional Project Managers and the PHAC. From a dairy perspective, RPMs may have to report *Salmonella* findings to provincial Chief Veterinary Officers, depending on the province's regulations. However, no regulatory recall actions are anticipated by the contractor in this project.

- g. The contractor must be available for monthly meetings as well as meetings on an as needed basis to communicate any challenges that may arise.

In consultation with representatives of the Centre for Food-Borne, Environmental and Zoonotic Infectious Diseases (CFEZID), Surveillance Division and other project collaborators, for poultry sample testing, the Contractor shall:

Poultry sample testing (optional service within year)

- h. Using proper bench procedures to avoid cross contamination, the contractor will receive up to 120 poultry composite fecal samples annually, based on a calendar year if this optional service is exercised. The following microorganisms will be identified:
 - i. *Salmonella* from fecal samples
 - ii. *E. coli* from fecal samples
 - iii. *Campylobacter* from fecal samples
- i. The contractor will conduct antimicrobial susceptibility testing, using sensititre (estimates are based on expected recovery rates), on approximately:
 - i. 120 *E. coli* (100% recovery), 60 *Salmonella* (50% recovery), and 36 *Campylobacter* (30% recovery) isolates recovered from fecal sampling.
- j. A specified number of isolates per positive sample and organism will be appropriately stored at the contracting laboratory as per the PHAC requirements.
- k. Results will be provided electronically in an agreed upon format in a Microsoft Excel spreadsheet. Completed results for the annual sampling should be submitted by a mutually agreed upon date.

Results will include:

- i. Primary isolation results listing all the samples received, and whether they were positive for the organism of interest.
- ii. Susceptibility results by antimicrobial.
- l. Invoicing for primary isolation and susceptibility testing can be submitted monthly or at an appropriate interval as agreed upon by both parties.
- m. The information and test results are considered confidential to the end users and PHAC and are not to be shared without permission of all parties involved.

Note: Positive results on any of the sample type and microorganism combinations tested are not considered reportable, and therefore no regulatory recall actions are anticipated by the contractor in this project. That could change, and a requirement to reportable to the CIPARS Poultry lead or other



designate for reporting Salmonella findings to provincial Chief Veterinary Officers, depending on the province's regulations. No regulatory recall actions are anticipated by the contractor in this project.

- n. The contractor must be available for monthly meetings as well as meetings on an as needed basis to communicate any challenges that may arise.

Dairy sample collection (optional service within year)

- o. Designate (or sub-contract) an experienced regional field worker (RFW) with expertise and experience on dairy cattle operations for annual sample and data collection in the Maritime region of Canada to conduct the following tasks each sampling season, if this optional service is exercised:
 - i. Enrol new herds if needed (i.e. to meet required sample size if previously enrolled herds have withdrawn) in compliance with the surveillance program's inclusion and exclusion criteria.
 - ii. Fully complete the new replacement herd questionnaire for newly enrolled herds for the appropriate year.
 - iii. Fully complete the surveillance questionnaire for the appropriate year.
 - iv. Collect all required samples from each enrolled herd, using sampling tools provided in sampling kits supplied by the PHAC, which include:
 - i. One composite fecal sample from 5 calf fecal pats
 - ii. One composite fecal sample from 5 heifer fecal pats
 - iii. One composite fecal sample from 5 lactating cow fecal pats
 - iv. One composite fecal sample from 5 locations in the manure pit
 - v. One BTM sample following the provided protocol, or in collaboration with provincial milk graders depending on the province
- p. The RFW will submit all fecal and milk samples to the contractor for laboratory testing using the cooler and provided protocol for sample submission.
- q. Using the data entry tools provided by the PHAC, the RFW will upload all de-identified questionnaire data in the form of an electronic Microsoft Excel spreadsheet to the appropriate Canadian Dairy Network for Antimicrobial Stewardship and Resistance (CaDNet-ASR) folder on the Canadian Network for Public Health Intelligence (CNPHI).

3.2 Technical, Operational and Organizational Environment

Any issues related to samples or cross contamination should be flagged to the Public Health Agency of Canada Representative by email. Simultaneously, the PHAC may identify cross-contamination events, and this will be notified to the laboratory. The laboratory should ensure that all steps are taken to prevent cross-contamination.

3.3 Method and Source of Acceptance

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

3.4 Reporting Requirements:

The Contractor, and sub-contracted RFW (for dairy cattle data) if applicable, shall report on an annual basis in the form of an electronic excel spreadsheet to the Project Authority in the following the PHAC specified format:

- a. De-identified data using the data entry template provided by the PHAC for the surveillance questionnaires for all dairy cattle farms and the replacement herd questionnaire for newly enrolled dairy cattle farms.



- b. Primary isolation results listing all of the samples received, and whether they were positive for the organisms of interest.
- c. Susceptibility results by antimicrobial.

Contact names, addresses, phone numbers, and electronic mail addresses will be supplied at the commencement of the contract or shortly thereafter.

All invoicing from the start of the contract must be submitted on or before March 31 annually.

Susceptibility results will be provided by an agreed upon date each year.

3.5 Project Management Control Procedures

The PHAC Departmental Representative shall review all questionnaire data and test results to ensure that all required data and parameters tested for have been completed.

The payment schedule will be based on samples received.

Invoices will be submitted to the PHAC on a monthly basis or at an appropriate interval as agreed upon by both parties.

4. Additional Information

4.1 Canada's Obligations

Public Health Agency of Canada will:

- be responsible for ensuring participating laboratory and designated RFWs collect and submit the required samples on an annual basis.
- provide a schedule of sampling.
- provide phone numbers, fax numbers, cell phone numbers and email addresses of project authorities.

4.2 Contractor's Obligations

The Contractor will be responsible for fulfilling the requirements outlined in 3.1 of this Request for Proposals.

- Unless otherwise specified or agreed to by the contractor and the PHAC Departmental Representative, the contractor shall use its own equipment and software for the performance of this Statement of Work.

4.3 Location of Work, Work site and Delivery Point

All lab work will be completed in the province of the contractor's laboratory.

All sampling work by the contractor (or sub-contractor) will be completed in the Maritime region of Canada.

The deliverables will be provided electronically to the Project Authority.

Due to existing workload and deadlines, all personnel assigned to any contract resulting from this Request for Proposals must be ready to work in close and frequent contact with the PHAC Representative and other agency personnel.



Monthly (or other decided upon interval) meetings between the PHAC Representative, other agency personnel and the laboratory staff will be held to review performance.

4.4 Language of Work

All work and deliverables will be conducted in English or French.

5.0 Accreditation Status

Not applicable.

6. Applicable Documents and Glossary

6.1 Relevant Terms, Acronyms and Glossaries

AMU - antimicrobial use

AMR - antimicrobial resistance

BTM – Bulk tank milk

CaDNet-ASR - Canadian Dairy Network for Antimicrobial Stewardship and Resistance

CFEZID - Centre for Foodborne Environmental Zoonotic Infectious Disease

CIPARS - Canadian Integrated Program for Antimicrobial Resistance Surveillance

CNPHI - Canadian Network for Public Health Intelligence

FDASD - Food-borne and Antimicrobial Resistance Surveillance Division HC - Health Canada

PHAC - Public Health Agency of Canada

RFW – Regional Field Worker



ANNEX B – BASIS OF PAYMENT

Firm all-inclusive prices. All prices must be in Canadian dollars (CAD). Applicable taxes are excluded from the prices herein.

Table 1A – Initial Period: Contract Award to March 31, 2025

Year	Period	Activity	Min Number of Samples (A)	Price per sample (B)	Total (A x B)
2023 sampling year	Contract initiation - March 31, 2024	Bovine Fecal	360		
		Bovine Milk	90		
		Poultry Fecal	-		
2024 sampling year	April 1, 2024 - March 31, 2025	Bovine Fecal	360		
		Bovine Milk	90		
		Poultry Fecal	-		
Total					\$

Table 1B – Optional Sampling Services

Year	Period	Activity	Optional Number of Samples (A)	Price per sample (B)	Total (A x B)
2023 sampling year	Contract initiation - March 31, 2024	Bovine Fecal	Up to 240		
		Bovine Milk	Up to 60		
		Poultry Fecal	Up to 120		
2024 sampling year	April 1, 2024 - March 31, 2025	Bovine Fecal	Up to 240		
		Bovine Milk	Up to 60		
		Poultry Fecal	Up to 120		
Total					\$



Table 1C – Optional Field Technician Services

Year	Period	Activity	Optional Number of Hours (A)	Price per hour (B)	Total (A x B)
2023 sampling year	Contract initiation - March 31, 2024	Field Tech	Up to 585		
2024 sampling year	April 1, 2024 - March 31, 2025	Field Tech	Up to 585		
Total					\$

Table 2A – Option Year 1: April 1, 2025 to March 31, 2026

Year	Activity	Min Number of Samples (A)	Price per sample (B)	Total (A x B)
2025 sampling year	Bovine Fecal	360		
	Bovine Milk	90		
	Poultry Fecal	-		
Total				\$

Table 2B – Optional Additional Sampling Services, April 1, 2025 to March 31, 2026

Year	Activity	Optional Number of Samples (A)	Price per sample (B)	Total (A x B)
2025 sampling year	Bovine Fecal	Up to 240		
	Bovine Milk	Up to 60		
	Poultry Fecal	Up to 120		
Total				\$



Table 2C – Optional Additional Field Technician Services, April 1, 2025 to March 31, 2026

Year	Activity	Optional Number of Samples (A)	Price per sample (B)	Total (A x B)
2025 sampling year	Field Tech	Up to 585		
Total				\$

Table 3A – Option Year 2: April 1, 2026 to March 31, 2027

Year	Activity	Min Number of Samples (A)	Price per sample (B)	Total (A x B)
2026 sampling year	Bovine Fecal	360		
	Bovine Milk	90		
	Poultry Fecal	-		
Total				\$

Table 3B – Optional Additional Sampling Services, April 1, 2026 to March 31, 2027

Year	Activity	Optional Number of Samples (A)	Price per sample (B)	Total (A x B)
2026 sampling year	Bovine Fecal	Up to 240		
	Bovine Milk	Up to 60		
	Poultry Fecal	Up to 120		
Total				\$



Table 3C – Optional Additional Field Technician Services, April 1, 2026 to March 31, 2027

Year	Activity	Optional Number of Hours (A)	Price per hour (B)	Total (A x B)
2026 sampling year	Field Tech	Up to 585		
Total				\$

Table 4A – Option Year 2: April 1, 2027 to March 31, 2028

Year	Activity	Min Number of Samples (A)	Price per sample (B)	Total (A x B)
2027 sampling year	Bovine Fecal	360		
	Bovine Milk	90		
	Poultry Fecal	-		
Total				\$

Table 4B – Optional Additional Sampling Services, April 1, 2027 to March 31, 2028

Year	Activity	Optional Number of Samples (A)	Price per sample (B)	Total (A x B)
2027 sampling year	Bovine Fecal	Up to 240		
	Bovine Milk	Up to 60		
	Poultry Fecal	Up to 120		
Total				\$



Table 4C – Optional Additional Field Technical Services, April 1, 2027 to March 31, 2028

Year	Activity	Optional Number of Hours (A)	Price per hour (B)	Total (A x B)
2027 sampling year	Field Tech	Up to 585		
Total				\$

TOTAL EVALUATED PRICE (1A + 1B + 1C + 2A + 2B + 2C + 3A + 3B + 3C + 4A + 4B + 4C): \$ _____