



**Association of Medical Microbiology and Infectious Disease Canada
l'Association pour la microbiologie médicale et l'infectiologie Canada**

Contractor's Name:

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Date: November 7, 2022

To: Olivia Varsaneux
Manager, CNISP
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The following is a proposal for work required to provide the Public Health Agency of Canada (PHAC) with point prevalence data on healthcare-associated infections, antimicrobial-resistant infections, and antimicrobial use, along with associated time requirements and compensation costs.

Warmest regards,

Riccarda Galioto

Purpose and Rationale

Existing gaps in national public health surveillance of healthcare-associated infections has limited a coordinated response to emerging antimicrobial-resistant pathogens. The Association of Medical Microbiology and Infectious Disease (AMMI) Canada is a national professional organization that has existed since 2004. AMMI Canada has a membership network that includes more than 60% of all hospital-based medical microbiologists and/or infectious disease physicians registered in Canada, and is currently active in over 150 hospitals in Canada. Data produced by the network of AMMI Canada members is routinely used by healthcare facilities to diagnose, prevent and treat human infectious diseases, and contributes to education, research, clinical practice, advocacy, and surveillance.

The purpose of this work is to use data generated by the AMMI Canada network to fill known surveillance gaps with regard to the prevalence of HAIs, AMR, and AMU in Canadian healthcare settings. Data provided by AMMI Canada will improve PHAC's ability to coordinate a national response to increasing rates of HAIs, thereby reducing AMR and improving patient care.



Data Collection and Preparation

The objective of the contract is to provide data for the Canadian Acute-care hospital Point Prevalence Survey (CAPPS) as follows:

1. Generate nationally representative CAPPS data from the AMMI Canada network from at least 140 Canadian acute-care hospitals
2. Validate CAPPS data to ensure the deliverable adheres to the minimum data quality standards as described by the CAPPS protocol
3. Deliver the data to PHAC on or before March 31, 2023

AMMI Canada is uniquely positioned to accomplish this objective given the professional specialization of our members.

Proposed Timelines and Cost Breakdown

The total value of the work, inclusive of taxes, is \$937,900. Payment via cheque is to be made to “AMMI Canada”.

Deliverable	Description	Deadline	Cost
1	A report that describes a data sampling strategy to achieve national representation from the AMMI Canada network.	On or before January 31, 2023	\$80,000
2	CAPPS data are delivered to PHAC	On or before March 31, 2023	\$750,000.00
	Sub-total	-	\$830,000
	HST (13%)	-	\$107,900
	Grand Total	-	\$937,900

Costs incurred for the production of a sampling strategy report represents the cumulative 1-month salary for AMMI Canada staff required, which can include the AMMI Canada research co-ordinator, lawyers, physicians, analysts, writers, and/or administrative support (and associated overhead costs). These costs also cover salary expenses related to data preparation requirements as defined by the CAPPS protocol (e.g. training for AMMI Canada members).

Costs incurred for data collection are estimated as follows.

Hospital size (Number of beds)	Choice of form	Cost per form	Target number of Hospitals	Estimated* cost of data
≤ 100 beds	Short form	\$3,000.00	21	\$63,000.00
≤ 100 beds	Long form	\$4,500.00	12	\$54,000.00
101 – 300 beds	Short form	\$4,000.00	20	\$80,000.00
101 – 300 beds	Long form	\$5,500.00	28	\$154,000.00
301 – 499 beds	Short form	\$5,000.00	24	\$120,000.00
301 – 499 beds	Long Form	\$6,500.00	24	\$156,000.00
≥ 500 beds	Short form	\$6,000.00	8	\$48,000.00
≥ 500 beds	Long form	\$7,500.00	10	\$75,000.00

*Actual values may vary according to data sampling strategy and availability of AMMI Canada members, total value of the contract will not exceed \$937,900.

Project Milestones

Milestone	Description	Dates
1	Meetings between PHAC and AMMI Canada to build consensus on a strategy to ensure the best national representation possible for CAPPs data	Up to January 31st, 2023
2	AMMI Canada to access their professional network to initiate data collection.	On or before February 1 st , 2023
3	AMMI Canada begins data collection	February 20, 2023
4	AMMI Canada ends data collection	March 25, 2023
5	AMMI Canada reviews data to ensure data quality standards are met	On or before March 31 st , 2023



Payment Schedule

- One payment of \$90,400 (including HST) on or before February 15th 2023
- One payment of \$847,500 (including HST) on or before March 31st 2023

A handwritten signature in blue ink that reads "Riccarda Galioto".

Date: November 7, 2022

Riccarda Galioto
Executive Director
AMMI Canada, Contract Signing Authority