



Request for Proposal(s)

- a) **On-farm control strategies to reduce the prevalence of *Salmonella* sp. and/or *Campylobacter* in broilers**
- b) **Development of eco-efficient energy strategies in poultry production to reduce the carbon footprint and improve the welfare and productivity of farms**

Chicken Farmers of Canada's (CFC) long-term commitment to research and innovation is one of the keys to the success of the chicken industry in Canada. Research allows our industry to grow as we look for ways to make our quality product even better and respond to evolving consumer preferences.

Each year, CFC invites researchers to submit an application for a Request for Proposal (RFP) for research in areas of particular interest to the chicken industry. Applications for this year's RFP are to be received by **March 31, 2020**.

1. Request for Proposal

- a) **Topic:** On-farm control strategies to reduce the prevalence of *Salmonella* sp. and/or *Campylobacter* in broilers

Background: In Canada, *Salmonella* sp., and *Campylobacter* are the leading bacterial causes of foodborne enteric disease. In its latest 2017 report, FoodNet Canada has estimated that chicken meat is the primary source of human salmonellosis and campylobacteriosis across the country, with rates of illness increasing over the last 10 years. Both bacteria have a variety of natural reservoirs (e.g., wild birds, rodents, flies, water) and for the broiler industry, it is not surprising that these pathogens are detected at the farm level. Given the importance of the chicken industry to Canada, and the targets that Health Canada and the Canadian Food Inspection Agency has placed on reducing the prevalence of these pathogens on-farm, strategies that are aimed at controlling these two pathogens at farm-level are needed. Such strategies can include those that are low-cost options, are readily available in Canada, and are effective against both *Salmonella* sp., and *Campylobacter*.

- b) **Topic:** Development of eco-efficient energy strategies in poultry production to reduce the carbon footprint and improve the welfare and productivity of farms

Background: Chicken Farmers of Canada's (CFC) five-year strategic plan includes a goal to improve the overall environmental performance of the chicken industry value chain. To this end, a life cycle assessment was completed in 2018 to provide a benchmark for the industry. Findings showed that while feed production accounted for 51% of the industry's total carbon footprint, the

broiler production stage was also a main contributor at 27%. Strategies that may help to reduce this are needed, with a particular focus on in-barn energy use as it is the main contributor to impacts seen at the farm level. Solutions should be economically viable and effective in reducing environmental impacts on-farm.

2. Budget

This project funding is separate to that provided by the Canadian Poultry Research Council (CPRC). CFC's contribution to the proposal will be limited to a maximum of \$60,000 per project. Industry dollars, whether from CFC or other industry sources, must be matched with non-industry dollars at a ratio of at least 1:1. Higher leverage ratios are preferred.

3 . Letter of Intent and Review Process

CFC is requesting that interested applicants follow the submission guidelines as detailed in the Canadian Poultry Research Council's Call for Letters of Intent (dated December 2019). All proposals must be received complete no later than **March 31, 2020**.

While this is a separate RFP, CFC will be using the same review process as is currently used by CPRC. CPRC will also be acting as the administrator for this project on behalf of CFC, and all contracts and reporting mechanisms will be as per CPRC protocols and policies.

CFC intends to follow the timeline as outlined by CPRC for the review and approval of research projects. However, CFC reserves the right to add, drop, or reschedule milestones as necessary. The successful proposal will be selected on overall value and will be at the discretion of the CFC Board of Directors.

Issuance of this RFP, your preparation and submission of a response, and the subsequent receipt and evaluation of your response by CFC do not commit CFC to award a contract to any offer even if all of the requirements stated in the RFP are met. CFC reserves the right to make no selection and enter into no agreement as a result of this RFP. Only the execution of a written agreement between CFC and a research provider will obligate CFC in accordance with the terms and conditions contained in such agreement.

4. RFP Inquiries and Submissions

Inquiries to this request for proposal should be directed towards:

Christine Power
Director of Animal Care & Sustainability
Chicken Farmers of Canada
T: 613-566-5903
E: cpower@chicken.ca

Submissions should be provided directly to the Canadian Poultry Research Council:

Bruce Roberts
Executive Director
Canadian Poultry Research Council
225 Metcalfe Street, Suite 314
Ottawa, Ontario K2P 1P9
T: 613-714-4599 ext 101 E: info@cp-rc.ca

