COVID-19 R&D Challenge - Made in Canada N95 filtration material

Sponsor

National Research Council of Canada (NRC)

Program

COVID-19 R&D Challenge - Made in Canada N95 filtration material

For More Information

For additional information please visit the COVID-19 Challenge website [1].

Description

Please note - The primary applicant for this program must be a for-profit business incorporated in Canada (federally or provincially) with research and development activities that take place in Canada.

The Covid-19 pandemic has created an unprecedented surge in demand for personal protective equipment (PPE), with emphasis on surgical masks and N95 respirators, resulting in a global shortage of finished product and raw material, and a resultant spike in prices.

The Government is pursuing a multi-prong strategy to ensure that Canadians have the equipment they need, including N95 respirators. This includes an aggressive international procurement effort to source masks from reputable suppliers abroad. It also includes the development of permanent and significant domestic production capacity so that Canadians can be assured of availability from Canadian suppliers.

As an additional element of this comprehensive strategy of leaving no stone unturned, the **National Research Council of Canada (NRC) is seeking alternative solutions for the industrial production of efficient filtration material entirely sourced and manufactured in Canada, to be used for manufacturing of surgical masks and N95 respirators. These alternative solutions could potentially further increase the security of supply for Canadians.**

A detailed list of desired outcomes can be found on the Challenge website [1].

Innovative Solutions Canada has dedicated funding to help combat current and future outbreaks

of the novel coronavirus (COVID-19) and other similar threats. This program will help support the Government of Canada's fight against COVID-19 by funding R&D and testing prototypes in real-life settings that can help protect Canadians.?

Eligibility

Solution proposals can only be submitted by a business that meets all of the following criteria:

- for profit
- incorporated in Canada (federally or provincially)
- research and development activities that take place in Canada

Funding Availability

Multiple grants could result from this Challenge.

Funding of up to $1,000,000 CAD for up to seven (7) days could be available for any Phase 1 grant resulting from this Challenge.

Estimated number of Phase 1 grants to be awarded: 2

Funding of up to $5,000,000.00 CAD for up to four (4) weeks could be available for any Phase 2 grant resulting from this Challenge. Only eligible businesses that received Phase 1 funding could be considered for Phase 2.

Estimated number of Phase 2 grants to be awarded: 1

Maximum Project Value

Please see 'Funding Availability' for details.

Indirect Costs

40%

Project Duration

- Phase 1 projects have a maximum duration of 7 days.
- Phase 2 projects have a maximum duration of 4 weeks.

Special Notes

Please refer to the Office of Research COVID 19 web-page [2] for directives related to research activities at the University of Guelph.

Deadlines

If College-level review is required, your College will communicate its earlier internal deadlines.

Type	Date
External Deadline	Monday, April 13, 2020 - 2:00pm

How to Apply

Eligible companies are required to submit their application through the Innovative Solutions Canada Website. [1]
For Questions, please contact
All incoming questions regarding this specific challenge should be addressed to solutions@canada.ca [3].

You can also consult the Frequently asked questions [4] about the Innovative Solutions Canada Program.

Alert Classifications**Category:**
Funding Opportunities and Sponsor News

Disciplines:
Health and Life Sciences
Physical Sciences and Engineering

Source URL:https://www-research.uoguelph.ca/research/alerts/content/covid-19-rd-challenge-made-canada-n95-filtration-material

Links
[1] https://www.ic.gc.ca/eic/site/101.nsf/eng/00102.html
[2] https://www.uoguelph.ca/research/article/2019-novel-coronavirus-information
[3] mailto:solutions@canada.ca
[4] http://www.ic.gc.ca/eic/site/101.nsf/eng/00004.html