

This Challenge is issued under the BCIP Challenge Call for Proposals (EN578-DB1700/A).

Please refer to the [Solicitation Documents](#).

Challenge Name: Enhancing portable ballistic panels

Challenge Notice: EN578-DB1704

Priority Area: Military Component

Maximum Contract Value: \$1,000,000

Challenge Sponsor: The Royal Canadian Mounted Police (RCMP)

Background/Summary

Portable ballistic panels are deployed by RCMP to protect public officials during events in which ballistic threat have been identified. The RCMP has been using such panels for many years but the increase in the number of events requiring this kind of protection, a more portable solution is needed. The purpose of this challenge is to identify and evaluate light weight solution ballistic panels (the “Innovation”) that can be easily deployed to serve as a barrier at events when required.

Challenge Details

The aim of this challenge for the RCMP’s Amour Systems Engineering Section unit to test the performance of the Innovation. The unit has been responsible for deploying the panels at designated VIP events.

Note: The following elements of the challenge will be assessed in accordance with the Proposal Submission Form and the Evaluation Grid.

The Innovation should possess as many of the following characteristics:

- Ballistic panels that can attach themselves to one another to form a continuous temporary wall that can be adapted to various shape requirements.
- The panels’ fit and finish is refined enough to be deployed during highly visible media events.

The Innovation must possesses all the following characteristics:

- The wall sections must be made into kits that can be shipped via commercial courier, TBD by the manufacturer based on design, size and weight.
- Two types of panel would be evaluated
 1. Panels with an upper half portion providing visibility either through transparent material or some other means, while the bottom portion can remain opaque.
 2. Full opaque panels.
- The panels must be light-weight so that they can be hand manipulated and installed by 2 persons. The panel size must be:

- Height: between 72" to 96"
- Width: between 36" to 48"
- Thickness: TBD based on design
- The product's ballistic resistance must **demonstrate a clear improvement on the existing state-of-the-art**
- The panels are meant to be used indoor and outdoor. For outdoor usage, it is expected that the panels have good resistance against UV, humidity/rain, and ambient temperatures (-40 C to +40C pending on season and geographical location). It is also expected that the support system can adapt itself to less than perfect ground condition (uneven or slopped) and resist wind loads.
- The panels are meant to be stored in racking shelves systems in storage area that are not temperature controlled.

Proposal

Bidders must provide technical details of the Innovation and how it meets the above targets in their proposal. The proposal submission form can be found on the [Challenge Notice](#).