

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

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

Challenge Name: Protecting Canada's Public Officials

Challenge Notice: EN578-DB1703

Priority Area: Military Component

Maximum Contract Value: \$1,000,000

Challenge Sponsor: The Royal Canadian Mounted Police (RCMP)

Background/Summary

RCMP has identified the requirement to introduce a variety of high security door assembly solutions within a series of immediate security upgrades for deployment within the residences of public officials. Traditional armour materials are prohibitive due to excessive weight and challenging to introduce within a residential environment. The purpose of this challenge is to identify and evaluate light weight high security door assembly solutions (the "Innovation") for sliding and swinging doors that can be deployed within a residential environment.

Challenge Details

The aim of this challenge for the RCMP Protective Technical Services Branch (PTSB), Amour Systems Engineering Section (ASES), and the Mechanical Security System Section (MSSS) unit to test the performance of the Innovation.

Each fully framed door assembly system is defined as the door, locking mechanisms, hinges, frame and all Force Entry and Ballistic Resistant overlaps

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:

- Light weight solution should offer ease of operation, whether manual or automated
- Assembly should offer protection from ballistic resistance
- Assembly should offer protection from forced entry
- The door locking mechanism should comply with all applicable building and life safety codes
- The fully framed door system should be aesthetically compatible with surrounding architectural elements in both commercial and residential applications.

The Innovation must possess all the following characteristics:

- Each Assembly must be light-weight and preference will be given to lighter materials and psi.

- **Each Assembly proposed must offer ballistic and forced-entry resistance, and must demonstrate a clear improvement on the existing state-of-the-art for ballistic and forced entry.**

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](#).