

**Calgary**



# Calgary Fire Department

Council Innovation Fund Request: Fire and Life Safety Virtual Reality Pilot

PFC2020- 0784





## ADMINISTRATION RECOMMENDATION:

1. Approve this one-time application to allocate \$75,000 from the Council Innovation Fund for the Virtual Reality Fire and Life Safety Education Pilot.
2. Direct Administration to report back to the Priorities and Finance Committee on the outcomes of this project by September 2021.

## Virtual Reality Pilot

- Builds on previous success with experiential learning while addressing limitations
- Improves accessibility to all Calgarians
- Engaging with several community groups



**Successful Virtual Reality Example:**  
<https://youtu.be/gY1ztUNCKNw>

## Potential Future Uses of VR Technology

- Additional modules (e.g. carbon monoxide)
- Internal firefighter training opportunities
- Online education models
- Cost-sharing/ Revenue generation model with regional fire departments



## Estimated Costs (Based on November 2019 RFI)

- I. Development Costs (Potentially funded by Council Innovation Fund): **\$75,000**
- II. Hardware Costs: **\$20,000- \$40,000\***
- III. Annual costs for subscriptions and/or maintenance and support : **\$5,000-10,000/year\***

*\*Sponsored via ConocoPhillips*



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