

# Bicycle Rack Design Contest – Terms of Reference

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## What is it?

The City of St. John's is putting on a contest to design a signature bicycle rack to provide bike parking around the City that is a fun and functional piece of public art. Cash prizes will be awarded for up to three winning designs!

## Who can enter the contest?

Anyone interested can submit their bike rack idea. Designs can be created and submitted by individuals or by groups. Each participant, either as an individual or as part of a group, may submit up to two designs. Participants under the age of 19 will need the consent of a parent or guardian. City of St. John's employees, members of the Bike Rack Design Competition Evaluation Panel, and their relatives (as defined in the City of St. John's Code of Ethics Bylaw) are not eligible to compete.

## How does the contest work?

### Step 1

Participants send in their bike rack concept designs along with the contest entry form and a short personal bio/resume by the **September 7, 2018** deadline.

Concept designs must describe the proposed bike rack idea and include

- the name of your design
- an illustration of the bike rack showing general dimensions of the design; and
- a short description of the design's inspiration.

### Step 2

The Bike Rack Design Contest Evaluation Panel will review and evaluate the concept design submissions based on the technical guidance provided, the originality, and the artistic character of the designs. Up to three submissions will be chosen by the panel as shortlisted designs. The shortlisted designs will be publicly announced at the **September 16, 2018** BikeFest event.

The person/group that submitted a design selected for the shortlist will receive a \$500 prize. An additional \$1,500 prize will be awarded upon delivery of a prototype/full-scale model to the City (as described in Step 3).

### Step 3

Participants whose designs are selected for the shortlist will have until **November 9, 2018** to submit a full-scale model or prototype of their bike rack design to the City along with an estimate of the production cost from a capable manufacturer.

Prototypes/full-scale models will be put on display and a poll will be held on the public's favourite design. The design that is voted the Peoples' Choice will be announced in December 2018 and will receive an additional \$1,000 prize.

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## What are the requirements of the design?

Bicycle rack designs must:

- Provide parking for a minimum of two bicycles
- Allow for two points of contact with the bicycle such that one point of the frame and at least one wheel can be secured by either a chain or U-lock
- Be able to be securely mounted onto a concrete surface
- Support bicycles upright and prevent bicycles from tipping over or falling in a manner that would damage the bicycle
- Not pose a tripping or safety hazard for pedestrians and bicycles (no sharp edges or moving parts)
- Be detected by a visually impaired person using a cane to navigate

Bicycle rack designs should:

- Be cost effective and affordable for installation throughout the City
- Be easy to maintain and durable
- Accommodate an area of at least 0.6 m by 1.8 m (approximately 2 ft by 6 ft) for each bicycle parking space
- Communicate its purpose as a bicycle rack and be intuitive to use properly
- Be usable by a variety of bicycle types and sizes

The [\*Essentials of Bike Parking\*](#) guidelines by the Association of Pedestrian and Bicycle Professionals is provided as a technical reference for participants.

## Who will own the submitted design(s)?

Participants will retain ownership of any designs submitted, including winning designs. Participants whose designs are selected for the shortlist will be required to enter into a formal licensing agreement with the City of St. John's the terms of which will permit the City to use, modify, manufacture, reproduce, and install the design at no cost.