

AMENDMENT 3

QUESTIONS AND ANSWERS

Q1. In the problem statement it states "*The area in questions is outdoors, covered, and, mostly, walled in with very little natural light.*"

Under Essential Outcomes, item 4. is very specific, "*be of a reasonable size to fit in the shuttle stop area (10 m by 25 m) and still allow the area to function as a shuttle stop*".

Is it adjacent to the Street or the Covered area at the main building entrance at 200 Promenade du portage?

A1. It is between the street, Boulevard Maisonneuve, and the Maisonneuve entrance to the building.

Q2. Are the bus stop and the shuttle stop the same thing or they are separated two stops? How far they are from each other, if they are two separated stops?

A2. The bus stop is for STO buses and is directly on Boulevard Maisonneuve. The shuttle stop is between Boulevard Maisonneuve and the Maisonneuve entrance to the building. The bus stop and shuttle stop are separate, but not far apart from each other (roughly 25 metres). Hence the bus fumes being an issue at the shuttle stop.

Q3. Where is the outdoor employee's smoking site located? Near the building entrance or near the bus/shuttle stops?

A3. The employee smoking site is near the shuttle stop and near the building entrance.

Q4. In the problem statement it states "*The area in questions is outdoors, covered, and, mostly, walled in with very little natural light.*" Could you please explain this part?

Area of question means:

i) Bus stop?

ii) Shuttle stop?

iii) Smoking site?

iv) Entrance of buildings where contaminated air seep into the building? or

v) All above locations?

vi) another area as described as "*covered, and, mostly, walled in with very little natural light*"

A4. ii) The target area is the shuttle stop area, but to properly clean the air there the other areas need to be considered, as they are contiguous with the shuttle stop area. This is a covered outdoor space with

shared air between all the areas listed below. It is similar to a covered train station platform, but even less open.

**Q5. In the problem statement it states "with very little natural light"
What is the purpose of this statement? No solar energy available to power the device?**

A5. Solar energy powered solutions and those that involve plants would not likely work.

Q6. Would it be possible to provide a sketch or site plan showing related spots for better understanding about problems and the area you allow to set up this device?

A6. Yes. Sent to you just moments ago.

Q7. How frequent it occurs that contaminated air seep into the building from the building entrance over the year? Or it is a seasonal problem? For example, it is prominent in wintertime?

A7. Year round problem. Buses run, people smoke, cars and trucks drive by, and people enter the building year round.

Q8. Under the Additional outcomes, it states: *Be fitted with a canopy to shield from rain and strong wind for use in less sheltered areas.* Is this a canopy to shield occupants, or the filtration system itself from weather?

A8. Either or both.

Q9. With respect to the location of the area at 200 Promenade du Portage, the problem statement states the following: *"The area in questions is outdoors, covered, and, mostly, walled in with very little natural light."*

- a) Is the area to be provided with clean is as shown in the photograph below?
- b) Can you provide us with the height and floor plan of this covered area?
- c) What is the distance between columns?

A9. a) I do not see the photo, however, the area is clean at the moment. It is periodically cleaned, but it is an outdoor space that does get dirty, especially with cigarette butts.

b) I will resend the sketches.

c) Roughly, 6 – 8 metres long, 2 metres deep, 5 - 8 metres high

Q10. The problem statement states that our solution would have the potential for 13 buildings in Canada and more than 100 around the world.

- a) Do all of these locations have the same covered area as at 200 Promenade du Portage?**
- b) Will any of these other areas not have a covered area?**

A10. They will vary, but most will not be covered.