

Innovative Solutions Canada Program

Challenge EN578-170003/17: Life Sign Monitoring System

Attachment 1

Questions and Answers #1 to #8

This document contains questions and answers related to this challenge.

Question #1:

Are there cameras in the cells?

Response #1:

No camera are allowed in cells except for observation cells.

Question #2:

Are there privacy concerns that would limit the presence of cameras in cells?

Response #2:

Due to privacy concerns, cameras are not allowed in cells. Video information cannot be captured and viewed by staff.

A solution with the ability to capture and process visual information within a cell without being viewed by staff or other humans may be considered.

Question #3

Certainly there are CCTV cameras within common areas and outdoor space but are there cameras facing the cells?

Response #3

There are cameras in common areas but no cameras in cells except for observation cells.

Question #4:

Do most suicides happen by hanging, sharp tool, or overdose?

Response #4:

This challenge is to monitor life signs throughout the institution in order to notify personnel in time to prevent non-natural deaths due to various causes. Solutions which address more causes will be of more interest to CSC.

Question #5

- a) Is it fair to assume that most suicides and overdose happen inside cell, shower facilities, and other more private areas?
- b) If so, what are the standard items inside a cell, (toilet/sink/bunk bed/bed sheet/pillow/blanket)?

Response #5

- a) Yes.
- b) Yes, however this may not be an exhaustive list.

Question #6

Are there sprinklers installed in every cell? and light fixture? and other electrical installation?

Response #6

There are sprinklers in cells. There are light fixtures in cells. Inmates sometimes have TVs and radios.

Question #7:

Do most fights happen in a particular location of the prison?

Response #7:

This challenge is to monitor life signs throughout the institution, in various areas.

Question #8

I am wondering where we can have access to more information about the facility itself in order to propose the best solution?

Response #8

A virtual tour of a Canadian penitentiary can be found here: <http://www.csc-scc.gc.ca/csc-virtual-tour/index-eng.shtml>