December 22, 2023

ADDENDUM No.3

RFP No: **SEN-050 23/24**

Title: **Global Positioning System (GPS) Solution**

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The following shall be read in conjunction with and shall form an integral part of the Bid and resulting Contract documents. All other terms and conditions remain the same.
_____

Questions and Answers

Q1.   Please provide clarification on the following – Annex "A" – Statement of Work, section 5:

Q1a. The system software must:
      Refresh all GPS data at least every second (1 Hz refresh rate).
      - **does this need to be on the hardware side or the application side.**

R1a. This is for the application side.

Q1b. Ability to have multiple feed for different authorized group / person regarding visual on designated vehicles such as shuttles that could be visible to users.
      - **Please kindly elaborate.**

R1b. The Senate has a vehicle fleet including 1 truck, 2 vans, 2 passenger vehicles and 4 shuttles. Possibility of allowing various groups of people to view selected vehicles.

      Examples:
      - Transport services management: Visualization and full control over all vehicles in the fleet
      - Senate Client Services: Viewing only on the truck, two vans and four shuttles.
      - Senate Security Service: Viewing only on all fleet vehicles
      - Shuttle user: View only shuttles in service.

Q1c. Ability to create custom labels for Senate vehicles. Naming of vehicles by circuit and add and remove shuttles easily according to operational needs.
      - **Please kindly elaborate.**

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R1c. The Senate has a vehicle fleet including 1 truck, 2 vans, 2 passenger vehicles and 4 shuttles. Ability to allow various groups of people to view selected vehicles.

To facilitate our operations, our vehicles are identified by route or by user.

Example :

Shuttle 1
Shuttle 2
Shuttle3
Shuttle 4
5 ton truck
Van 3
Van 4
Etc.

Q1d. The proposed solution must have the ability to predetermine routes by color on the map, the name of the buildings occupied by the Senate and the authorized stops.
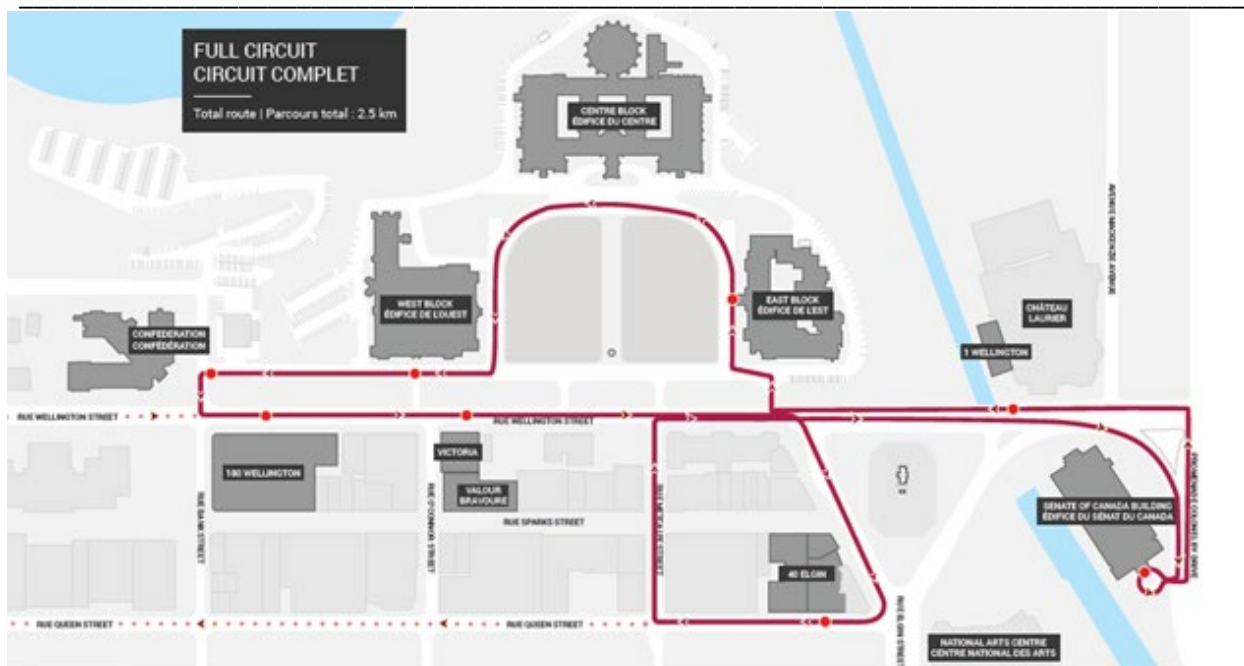- **Please kindly elaborate.**

R1d. The shuttles run on pre-established circuits. We also have pre-established stops to serve the buildings occupied by the Senate of Canada. The circuits are identified by color.

Example :

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Q1e. User-friendly interface that allows for real-time modifications to be made by the user to the predetermine routes due to road closures.
  - **Please kindly elaborate.**

E1e.   See answer R1c

Q1f. Could provide estimated arrival time based on pre-established stops and vehicle location, the average waiting time at each designed stops / buildings and the average time by predeterminate circuit.
  - **Please kindly elaborate.**

R1f. Possibility of obtaining an estimated arrival time at buildings and pre-established stops. See response R1C for reference.

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Q1g. Congestion monitoring option: Analytical and visualization tool to monitor, evaluate and report on traffic condition at any given road segment, date and time of day.

- **Does this mean real time traffic info.**

R1g. Yes**.**

Q1h. Bottleneck identification tool: Visualize and pinpoint pressure points with sub-optimal performance across the road network.

- **Please kindly elaborate.**

R1h. Identification of traffic on a given route.

Q2. Annex "A" – Statement of Work, section 5(n)

Generate service alerts notifications to designed users on various parameters such as a vehicle outside of a predefined perimeter, seat belt, speeding, harsh braking, hard acceleration, possible collision, battery drain, unauthorized device removal, engine abuse and Idling

Is there external communication provided from within the vehicle sub-system (either by hard-wire or RF communication) to enable us to read or evaluate the data regarding seat belt and engine abuse alerts?

R2. The GPS module connected to the vehicle must be able to transmit information related to the vehicle in real time. Transport services management can choose the desired notifications such as:

Wearing a seat belt
Speeding
Excessive braking
Accident
Etc.

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Q3.   Terms and Conditions - If a vendor has an existing agreement with the Senate, would the Senate accept adding these new services as an addendum to the existing agreement in which the vendor and the Senate have already agreed to terms and conditions?

R3.   No.

Q4.   M.1 Company Experience - is the Senate seeking the name of a customer (i.e. reference) or, the name of the bidder?

R4   The Senate is looking for the information on the Bidder.

Q5.   Please clarify if the R.1 Web-Based Data Analytics requirement is for the front-end user interface or the backend server responsible for hosting the data?

R5.   This requirement is for the front-end user interface.

Shirley Chartrand
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