

City Innovation Exchange Model Document

Pilot Requirements (EOI)

Scope of Pilot:

The scope of the pilot should be defined in the context of helping innovators understand and keep in mind as to what will be helpful to test the feasibility, operationalisation, duration, cost and risks of the full-scale implementation?

a. Goals of the Pilot

Define the specific objectives of the pilot deployment to provide an overview of expectations to the innovator

The smart parking solution should demonstrate min. 20% reduction in vehicle waiting time owing to manual parking processes encountered currently in public places. Also, vehicle entry, exit, fee estimation, and available space to be determined automatically without manual intervention.

b. Expected Quantifiable Outcomes

What are the quantifiable outcomes, metrics, success factors, and impact indicators that the solution should deliver by the end of the pilot implementation for the pilot to be considered successful and complete?

1. Vehicle waiting time before parking to be reduced by min. 20%
2. No. of vehicles in the waiting area to be less than 30 at any point in time. Currently, 50 vehicles on average is found in the waiting area.
3. The number plates of the vehicles to be scanned & the system should be able to estimate the fee based on the number of hours that the vehicle has been parked for.
4. Timestamp of the entry & exit of the vehicle to be captured.
5. Parking fee to be estimated automatically by the system without the human intervention

c. Pilot Deployment details

Specify the type of deployment in terms of physical/virtual location where pilots are to be implemented and the area which the pilot will cover

The pilot to be deployed in Gandinagar Metro Station which has a parking capacity of 100 cars & 200 two wheelers and has two entry gates & two exit gates for vehicles.

Expected Deployment Timeline

What is the minimum time frame for which the Pilot must be implemented, tested and monitored for performance, effectiveness and measure outcomes?

The pilot is expected to run for a period of 60 days.

Budget

What is the cap of the budget available for this pilot implementation? (in Lakhs)

Rs. 8,00,000/-

Deployment Constraints

What are the various critical deployment constraints that the Innovator must meet and be mindful of during the pilot implementation in order to avoid failures or delays?

These can include technical constraints, Inter-agency/interdepartmental dependencies, Regulatory requirements, etc.

- There should be a provision to collect the fees in all forms, i.e. cash, card, digital payments, etc.
- Network connectivity within the premises might not be adequate, innovator to study the same before deployment of the solution
- The system should be simple enough for existing manpower to be able to use it