

SMART PARKING (Mechanized Parking)

1. Name of the Project: Development of Smart Parking (Mechanized Parking) on PPP base

2. Background: Currently, Surat Municipal Corporation has built the various Multilevel Parking on ramp base and Open Plot parking and open space under fly over bridge parking. Ramp Base Multi level Parking possess more space to overcome this problem, SMC has planned to develop a Mechanized Smart Parking, which will have Integrated Payment and POS, New revenue scheme.

3. Vision:

- To provide proper space for vehicles near the spot
- To decrease the traffic
- To provide better ease of parking facility

4. Sector: Traffic Management

5. Cost and financing:

SCP Cost – Rs. 210.00 Cr (For 6 locations)

DPR Cost – Rs. 20.96 Cr (Excl. Land Cost) (For 1 location at T.P. 8 Umarwada, F.P. 150)

Tender Estimated Cost - Rs. 00.00 Cr

Tender Sanctioned Cost - Rs. 00.00 Cr

Convergence Scheme/PPP/SMC – PPP

Convergence/PPP/SMC Costing- PPP

6. Brief Description (Technical Details):

- Mechanized technology used for development of multilevel car parking.
- Ground floor + Third to Fifth floor for parking facilities.
- First and second floor commercial space for office/shops
- Advertisement facilities.

7. Speciality:

- Developing on PPP mode
- Saving in time
- Better distribution of flow and parking

- Better Revenue and Profitability
- Eliminate open road parking
- Real time Parking management
- Digital Payment system

8. Implementation Plan:

- **Current status:** Tender re-invite.
- **Completion Date:** 30/12/2019

9. Impact/ Envisaged Impact of the project:

- Public /Society
- Minimum 157 four wheeler , 24 two wheelers and 12 HCV parking facilities
- To create dedicated Parking Spaces to avoid irregular on-road parking and reduce on road traffic congestions.
- Transport and Mobility will get improved
- Decongestion of Parking Space
- Optimum Utilization of the land with maximum parking space and suggestion of viable product mix for self sustainable project.
- Parking space width and depth (and distances between parking spaces) are dramatically reduced since no allowance need be made for driving the car into the parking space or for the opening of car doors (for drivers and passengers)
- No driving lanes or ramps are needed to drive the car to/from the entrance/exit to a parking space
- Ceiling height is minimized since there is no pedestrian traffic (drivers and passengers) in the parking area, and No walkways, stairways or elevators are needed to accommodate pedestrians in the parking area.
- With the elimination of ramps, driving lanes, pedestrians and the reduction in ceiling heights, the MECHANIZED PARKING requires substantially less structural material than the multi-story parking garage.

SMC/SSCDL:

- Development of Multi-level Car Parking Complex and Commercial Complex space of project cost of approx. 20.96 Cr. (Excl. Land Cost)

- Source of additional revenue to the authority without investment of any capital cost.
- Source of additional revenue income through Advertisements.

Developer:

- Commercial Space of 1907 sq.mtr. For Development, Operation and Maintenance for period of 45+30 years (including construction period of 2 years).

10.Photos:

Google Map:



TP No.08 (Umarwada), FP No.150