PPP in Smart City Mission: Learning's and Strategy ahead

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Key objectives for discussion

- PPP – important tool to achieve the goals of SCM
- PPP projects - SCPs and Online MIS
- Prioritise Online MIS – for your city and others
- Successful PPP projects in SCM – ready reference
- Three priority sectors for PPP projects
  - Car Parking projects, Bike sharing, Mobility cards
- Documenting the success stories
PPP projects in SCM – as on date

Total Projects
- 2775 Projects
- 135,000 CRORES ESTI. COST
- 13,666 CRORE WORK ORDER ISSUED

PPP projects
- 184 Projects
- 15,000 CRORES ESTI. COST
- 4,050 CRORE WORK ORDER ISSUED

~ 27% of PPP projects have been successful
~ 30% of Total Projects have Work Order Issued with PPP

(Source: Online MIS of the Ministry of Housing and Urban Affairs, Govt. of India, covers 60 cities till Round 3 selection of Smart cities)
## PPP projects – 90 cities

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Number of PPP Projects</th>
<th>Estimated Cost (in INR crore)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education/Health</td>
<td>7</td>
<td>309</td>
</tr>
<tr>
<td>Housing/ Slum Development</td>
<td>18</td>
<td>4,599</td>
</tr>
<tr>
<td>Power/ Smart Grid / Solar Panel</td>
<td>32</td>
<td>2,394</td>
</tr>
<tr>
<td>Railways</td>
<td>4</td>
<td>378</td>
</tr>
<tr>
<td>Sanitation &amp; Sewerage</td>
<td>16</td>
<td>220</td>
</tr>
<tr>
<td>Skill training</td>
<td>9</td>
<td>971</td>
</tr>
<tr>
<td>Smart Solutions</td>
<td>67</td>
<td>3,046</td>
</tr>
<tr>
<td>Smart/Multi-level Parking</td>
<td>33</td>
<td>2,592</td>
</tr>
<tr>
<td>Solid Waste Management</td>
<td>11</td>
<td>112</td>
</tr>
<tr>
<td>Tourism/Recreation/Real Estate</td>
<td>96</td>
<td>13,133</td>
</tr>
<tr>
<td>Urban Transport</td>
<td>71</td>
<td>3,770</td>
</tr>
<tr>
<td>Water supply</td>
<td>6</td>
<td>1,033</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>370</strong></td>
<td><strong>32,553</strong></td>
</tr>
</tbody>
</table>
### Status of PPP projects

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Number of PPP Projects</th>
<th>%</th>
<th>Estimated Cost (in INR crore)</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total PPP projects (60 cities)</strong></td>
<td>184</td>
<td>100%</td>
<td>14,983</td>
<td>100%</td>
</tr>
<tr>
<td>Work Completed</td>
<td>18</td>
<td>10%</td>
<td>266</td>
<td>2%</td>
</tr>
<tr>
<td>Work Order Issued</td>
<td>29</td>
<td>16%</td>
<td>3,784</td>
<td>25%</td>
</tr>
<tr>
<td>Tender Issued</td>
<td>16</td>
<td>9%</td>
<td>1,560</td>
<td>10%</td>
</tr>
<tr>
<td>DPR Approved</td>
<td>2</td>
<td>1%</td>
<td>258</td>
<td>2%</td>
</tr>
<tr>
<td><strong>Action initiated so far</strong></td>
<td><strong>65</strong></td>
<td><strong>36%</strong></td>
<td><strong>5,868</strong></td>
<td><strong>39%</strong></td>
</tr>
<tr>
<td>DPR Under Preparation</td>
<td>119</td>
<td>64%</td>
<td>9,115</td>
<td>61%</td>
</tr>
</tbody>
</table>
PPP projects – success till date

47 successful PPP projects (Rs 4050 cr) in Smart Cities

- Bhubaneswar (4 Projects) - 796
- Surat (7 Projects) - 740
- Bhopal (4 Projects) - 724
- Ahmedabad (2 Projects) - 549
- Indore (2 Projects) - 478
- Vadodara (3 Projects) - 331
- Jabalpur (4 Projects) - 181
- Thane (2 Projects) - 80
- NDMC (4 Projects) - 50
- Kakinada (2 Projects) - 35
- Kochi (1 Projects) - 25
- Vishakhapatnam (1 Projects) - 20
- Pune (1 Project) - 20
- Raipur (1 Project) - 12
- Agra (2 Projects) - 7
- Nashik (1 Project) - 1
- Ajmer (5 Projects) - 0.45
- Ujjain (1 Project) - 0.01

Note: Successful PPP project indicated is sum of PPP projects with “Work Completed” and “Work Order Issued” status in MIS

All figures are in Rs Crores.
## PPP projects – sector wise

<table>
<thead>
<tr>
<th>Sno</th>
<th>PPP project classification</th>
<th>Cities</th>
<th>No. Of projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Smart Parking Solution</td>
<td>Vadodara, Bhopal, Indore</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>Public Bike sharing</td>
<td>Jabalpur, Bhopal</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>Free Wifi and Intelligent Street Poles</td>
<td>Jabalpur, Bhopal, Vadodara, Thane, Surat, Vishakapatnam, Bhubaneswar</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>Social Incentives</td>
<td>Ajmer, Pune</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>Solid Waste Management / Waste to Energy</td>
<td>Surat, Jabalpur, Nashik, Indore</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>Common Payment Card</td>
<td>Bhubaneshwar, Kochi, Ahmedabad, Jabalpur</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>Solar Roof top projects</td>
<td>Bhubaneshwar, Kakinada, NDMC, Thane</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>Slum Housing redevelopment</td>
<td>Bhubaneshwar, Ahmedabad, Surat</td>
<td>6</td>
</tr>
<tr>
<td>9</td>
<td>Others</td>
<td>Bhopal, Ujjain, Agra, Vadodara, NDMC, Ajmer</td>
<td>7</td>
</tr>
<tr>
<td>10</td>
<td>Market Development</td>
<td>Raipur</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>47</strong></td>
</tr>
</tbody>
</table>
Important issues

- While some cities have increased the projects proposed to be developed with PPP, many cities have reduced the PPP projects drastically.
  - Action: SC-MMU will be writing emails to such cities requesting them to try PPP projects, as committed in their SCPs

- Many Cities have not indicated the financing sources of the projects identified in Online MIS
  - Action: SC-MMU has started organising telecon to review the PPP projects proposed in the city.

- Under-reporting of successful projects and tender issued in the online MIS
  - Action: SC-MMU is collecting RFPs, DPRs and Bid Documents for ready reference to other mission cities. Term sheet of all successful projects along with potential investor list, could be useful to cities, undertaking similar projects.
Fast tracking PPP projects

1. Car Parking Projects
   - 18 projects + 59 projects
   - Ex: Surat, Bhopal, Indore

2. City Bike Service
   - 5 projects + 28 projects
   - Ex: Jabalpur, Bhopal

3. Smart Mobility Cards
   - 3 projects + 19 projects
   - Ex: Bhubaneshwar, Kochi, Ahmedabad, Jabalpur

4. Market Development
   - 7 projects + 36 projects
   - Ex: Raipur

Creating Critical Mass

PPP should be the medium explored for successful sector projects.
Learning from success!
Way Forward

- **Collaborate**: Learn and also Help other mission cities
- **Reduce time** required in developing PPP projects.
- We seek your help in letting Ministry act as “**conduit**”; collecting reference documents and sharing where needed!

Typical four stages in PPP projects

- **Feasibility Study**
  - Term Sheet of successful PPP projects for ready reference
- **Bid Documents**
  - Template bid documents for ready reference
- **Bid Process Management**
  - List of potential Investors, both Geographical & Sector wise
- **Execution**
We succeed together! 
Thank you for your attention

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