

# PUNJAB MUNICIPAL INFRASTRUCTURE DEVELOPMENT COMPANY



## PROJECT STATUS – NOV, 2016



## SMART CITY MISSION

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### SMART CITIES MISSION

1. Launched on 25<sup>th</sup> June 2015.
2. Consultants finalized by PMIDC in Oct 2015 for 3 cities
  - i. Amritsar : M/s Jones Lang LaSalle(USA) in consortium with Tata Consulting Engineers Ltd. and Townland Consultants Pvt. Ltd. (Hongkong)
  - ii. Ludhiana : M/s AECOM India Pvt. Ltd (Lead Member) & IBM India Ltd
  - iii. Jalandhar : IIDC Limited (Lead Member) in association with Urban Mass Transit Company Limited (UMTC) & Building Design Partnership Limited (BDP-U.K)
3. Govt. has evaluated the proposals and included Ludhiana among the first 20 cities to be developed under the Smart City Mission and an amount of Rs. 200.00 Cr. was also released on 9.5.2016.
4. The revised Smart City Proposal of Amritsar and Jalandhar submitted to MoUD, GOI on 30<sup>th</sup> June,2016 for competing in stage II competition for inclusion under the Smart City Mission. Both the cities have been selected among the 27 cities declared by MoUD, Govt. of India on 23.9.2016. The proposal for formation of SPV for these two cities have been forwarded for notification. Also the RFP for engagement of Project Management Consultant of these cities have been forwarded for approval by the competent authority.
5. As per Govt. of India guidelines, the State Govt. has formulated and notified Special Purpose Vehicle (SPV) namely; **Ludhiana Smart City Limited (LSCL)** on 22.03.2016 and incorporated LSCL on **28.04.2016** by the Registrar of Companies, Govt. of India. The first Board of Directors meeting of the Ludhiana Smart City Limited has been convened on 31.5.2016.

6. As per guidelines of SCM, M/s AECOM Asia Pvt. Ltd. and Price Waterhouse Coopers Pvt. Ltd. (PWC) has been appointed as project management consultant (PMC) to assist LSCL in project implementation. An agreement has been signed with the Project Management Consultant on 12.8.2016.
7. The Project Management Consultant has identified projects to be executed related to PAN city as well as under area based development. The Consultant has prepared the timeline for feasibility studies and design, DPRs preparation and issue of RFP. The same is enclosed as **Annexure-I**.

### **Financial Plan Ludhiana**

The total estimated cost of the proposed projects including CAPEX & OPEX has been prepared to the tune of **Rs. 5547.14 Cr.**

- **CAPEX**

*(All figures in Crores)*

S. No.	Projects	Area Wide
<b>1.</b>	<b>Pan City Proposals</b>	
A	Sanitation including public toilets & Solid Waste Management	350.00
B	Integrated traffic and transport management system (ITMS)	450.00
C	Water Supply – Surface water based water supply 24x7 scheme	2600.00
D	Integrated ICT based digital platform for management of urban infrastructure and safe city project including Smart street lighting.	250.00
E	Installation of LED street lighting and smart poles	150.00
F	Rehabilitation of Buddha Nallah	1300.00
	<b>Sub-total</b>	<b>5100.00</b>
<b>2.</b>	<b>Area Wide Proposals –</b>	

S. No.	Projects	Area Wide
A	Portable Water	43.16
B	Waste Water	5.00
C	Power	68.05
D	Common Utility Tunnel	157.95
E	Storm Water Management	51.65
F	Waste Management	7.52
G	Urban Design & Landscape	286.97
H	Transportation	431.20
	<b>Sub-total</b>	<b>1051.50</b>
	<b>Grand Total (1+2)</b>	<b>6151.50</b>

• **OPEX**

i.	PAN City Projects	Rs.1005.00 Cr.
ii.	Area Based Projects	Rs.140.64 Cr.
	<b>Total O&amp;M (for 10 years)</b>	<b>Rs.1145.64 Cr.</b>

**Total Project Cost (CAPEX + OPEX): INR 7297.14 Cr**

The detail of status of projects and the timeline for implementation i.e. feasibility report, preparation of DPRs, floating of RFP etc. is enclosed as **Annexure-I**

### **Amritsar:**

Amritsar city has also been included among the Smart Cities to be developed under the Smart City Mission of Govt. of India. The process of formation of SPV i.e. Amritsar Smart City Limited is in progress. Further for engagement of Project Management Consultant, the RFP has been forwarded to the higher authorities for approval. The tentative projects to be included under the Smart City Mission is as follows:-

#### **A. CAPEX**

Components	Estimated cost
<b>(a) Area Development and redevelopment-Walled City</b>	<b>1616.60 Cr.</b>
<ul style="list-style-type: none"><li>• 24 x 7 water supply</li><li>• 24 x 7 electricity,</li><li>• traffic calming,</li><li>• smart meters,</li><li>• storm water drainage,</li><li>• Underground cables,</li><li>• Open space and improvement of open areas, multilevel car parking and hybrid electrical vehicles</li><li>• Wi-Fi</li></ul>	50.00 Cr. 2.10 Cr. 22.00 Cr. 50.00 Cr. 100.00 Cr. 40.00 Cr. 76.75 Cr 16.00 Cr.
<ul style="list-style-type: none"><li>• Redevelopment of public amenities,</li></ul>	196.00 Cr.
<ul style="list-style-type: none"><li>• Relocation of dense polluting of urban cluster with economy based cluster.</li></ul>	784.00 Cr.
<ul style="list-style-type: none"><li>• Convergence with State and Central Schemes</li></ul>	303.63 Cr.

<b>(b) PAN City Projects</b>	<b>1214.40 Cr.</b>
<ul style="list-style-type: none"> <li>• Mobility and traffic improvement, smart surveillance, street lights LED with solar panels, intelligent traffic management system, cycle tracks, footpaths, BRTS</li> </ul>	656.90 Cr.
<ul style="list-style-type: none"> <li>• Sanitation and Solid waste management</li> </ul>	442.50 Cr.
<ul style="list-style-type: none"> <li>• E-Governance, Central Command and Control Centre, City wide Wi-Fi, GIS mapping, ICT application.</li> </ul>	90.00 Cr.
<b>Total:</b>	<b>2831.00 Cr.</b>

**B. OPEX**

:690.00 Cr.

**Total Project Cost (CAPEX + OPEX) :3520.00 Cr.**

**RESOURCE PLAN:** The financing options for the components identified under the SCP Amritsar are planned considering the capital available from the GoI & GoP and will be made available for the period of 5 years. Different sources of funding which can be used to fund SCP Amritsar are:

Funding:

<b>Sr.No.</b>	<b>Fund Source</b>	<b>Rs. in Crore</b>
1.	Centre funding	488.00
2.	State Funding	488.00
3.	Private Sector	1176.00
4.	Funding Central & State Govt. Schemes	787.63
	<ul style="list-style-type: none"> <li>• SBM including SWM</li> </ul>	301.50
	<ul style="list-style-type: none"> <li>• IPDS 24x7 (energy supply)</li> </ul>	3.80

	• AMRUT 24x7 (water supply)	150.00
	• HRIDAY	60.00
	• NULM	60.00
	• BRTS	50.00
	• Tourism Deptt.	6.33
	• Sewerage Board, MCA & PMIDC	156.00
	<b>Grand Total:</b>	<b>2806.47 Cr.</b>

### Jalandhar.

Jalandhar city has also been included among the Smart Cities to be developed under the Smart City Mission of Govt. of India. The process of formation of SPV i.e. Jalandhar Smart City Limited is in progress. Further for engagement of Project Management Consultant, the RFP has been forwarded to the higher authorities for approval. The tentative projects to be included under the Smart City Mission is as follows:-

#### A. CAPEX

Components	Estimated cost
Area Development (Retrofitting)	952.27
Burton Park Sport Hub (Redevelopment)	567.13
Public Transport (Pan City )	134.11
ITSPUPS (Pan City )	190.75
LED Street Light (Pan City)	140.25
<b>Total</b>	<b>1984.50</b>

#### B. OPEX

i. Area based projects	Rs. 816.94 Cr.
ii. Pan City projects	Rs.629.94 Cr.
<b>Total O&amp;M Cost</b>	<b>Rs.1446.88 Cr.</b>

**Total Project Cost (CAPEX + OPEX): INR 3431.38 Cr**

**Funding**

S. No.	Fund Source	Rs. in Cr.
1.	Centre Funding	490.0
2.	State Funding	490.0
3.	Private Sector	551.17
4.	Funding Central & State Govt. Schemes	
i.	AMRUT for ABD	9.10
ii.	AMRUT for Pan City	89.47
iii	MNRE Subsidy for Solar	59.73
iv	Support through Govt/PSU Company projects (City Based Gas Distribution, Department of Sports, LED Streetlight Project)	186.62
5	Debt	108.42
<b>Total (1 to 5)</b>		<b>1984.50</b>