

**List of Projects as per Smart City Proposal : Ludhiana**

Sl. No.	Projects in SCP	Cost (Rs. in Crore)
	<b>Area Based Development (ABD)</b>	
	<b>Water Management System</b>	
1	Rehabilitation and improvement or Construction of OHSR for 24X7 water supply	2.00
2	dismantling and Rehabilitation of water distribution system	0.90
3	Dismantling and Restoration of road pavement	9.60
4	Implementation of PLC & SCADA for potable water system	11.50
5	Installation of Smart Meters	20.06
6	Replacement and Rehabilitation of sewage distribution system	4.80
7	Augumentation of existing Sewage Treatment Plant (STP) for recycling for 10MLD of this area sewage with tertiary treatment	5.00
8	Recycle water distribution network for reuse	4.50
	<b>Power improvement</b>	
9	laying Underground power distribution network and eliminating over head network	58.05
10	Installation of Solar based LED street lighting	10.00
	<b>Improvement Drainage System</b>	
11	Construction of dedicated Storm water network	37.15
12	Provision of large scale rain water harvesting pond / canal	2.50
13	Replacement of old Brick masonry drian along Ferozpur road and along Rose graden road for 2km	12.00
	<b>Solid Waste Management</b>	
14	Collection Bins	0.26
15	Augumenting Tippers Capacity 1 ton - 10 Nos, 8 Ton - 3 Nos	4.72
16	Bio-Methenation Plant @ PAU 30 TPD, Segregation Plant	1.70
17	ICT Cost	0.84
	<b>Landscaping &amp; Signages</b>	
18	Streetscape Improvement	7.00
19	Bio Swale on Ferozpur road	4.25
20	Digital Hoarding and information kiosks	20.00
21	Public Toilets (10 nos. with 10 seats/Toilet with Solar roof top)	3.20
22	Rooftop Solar installation	252.52
	<b>ABD- Transport &amp; Walkway</b>	
23	Footpath	8.69
24	Dedicated Cycle Tracks shared with Footpath	6.15
25	Elevated BRT along Ferozpur Road	190.00
26	BRT Stops	125.00
27	Temporary Bus Shelters	2.00
28	Foot Over Bridges	2.60
29	Public Bike Sharing	1.45
30	Area Wise E Rickshaws (50 no)	0.58
31	Signalisation at Intersections (Vehicle Activated ATCS Comaptible Traffic Signals)	3.50
32	Smart On-Street Parking (300 Bays)	3.23
33	Signage, Road Marking & Wayfinding	2.00
34	Multilevel Car Park (300 Cars capacity) (Cost Rs 500000/ECS)	45.00
35	RoB Pakhowal Rd.	40.00
36	ABD- Miscellenous	1.00
	<b>Pan City</b>	
37	E Rickshaw	57.50
38	GPS	15.00
39	Charging Stations	0.23
40	Kiosk	0.30
41	Control Center	7.00
42	Mapping and Ground Proofing	5.00
43	GIS Application Centre and Remote Sensing Centre and Block Networks	28.00
44	License and Staffing	12.00
45	Central Command Centre & DR Site	32.50

**Note-** This only indicates cost of individual projects given in the SCP. The total value of SCP may additionally include other costs such as DPR preparation, PMC, O&M etc.