List of Projects as per Smart City Proposal : Mangaluru

Sl No.	Projects in SCP	Cost (Rs. In Crore)
	Area Based Development (ABD)	
	Identity & Culture	
1	Retrofit Car Street & areas of Sri Venkatramana Temple as Religious Zone	29.21
2	Community Level Facilities along with international swimming pool	12.50
	Economy & Employment	
3	Retrofit of Fish Market	1.44
4	Redevelopment of Central Market	50.63
5	Redevelopment of Vacant Premises of DC office into Hotel, Retail Shops and Speciality Restaurants	7.29
6	Redevelopment of Fisheries Harbour along with fish market & ancilliary facities	88.46
7	Retrofit of Old Port	88.45
8	Jetty Repair Facility & Warehouse	23.95
9	Retrofitting of 6 tile factories into Hotel, Auditorium, Convention Centre, Museum, Marina with retail and Speciality Restaurants	67.24
10	Redevelopment of Brick Factory into retail/ commercial development (retail shop, small office)	10.43
11	Redevelopment of Old Port as Riverfront Rcreational Space	25.58
	Health	
12	Upgradation of Wenlock & Lady Goshen Hospital	72.90
	Education	0.00
13	Skill Development and Safety Training Centre	3.30
14	Implementation of e-smart schools in all government schools	16.00
	Open Spaces	
15	Water front Marina Develpment	78.00
16	Development of Waterfront Gardens	10.74
17	Development of Green Area along Connector Road	7.02
	Housing	
18	EWS Housing	7.80
	Transport, Mobility & Walkability	
19	Specialised Pedestrian Facilities along certain road sections	27.82
20	Retrofit of Bus Station	9.90
21	Widening of Roads	150.00
22	Development of MLCP with retail space near Hampankatta Junction	91.17
23	Upgradation of Roads with footpaths	150.00
24	Development of MLCP a along Connector Road	12.46
25	Provision of Road side plantation	4.35
26	Implementation of Smart Bus Shelters	3.31
	IT Connectivity	
27	100% IT connectivity	4.40
	Energy Source & Management	
28	Solar and Recreational Island	86.74
29	Installation of rooftop solar on Govt buildings	203.32
	Water Source & Quality	
30	100% water supply coverage along with residential meters, water quality monitoring and SCADA	40.00
31	Implementation of rain water harvesting in all building having area more than 1000 sqft.	10.00
	Waste Water	
32	100% waste water coverage with SCADA and connecting the waste water to STP for treatment and reuse	128.86
33	100% underground drainage network for ABD	37.50
	Air Quality	
34	Installation of air quality monitoring sensors and connecting them to command and control centre.	1.00
	Energy Efficiency	
35	Conversion of all the lighting in government building into LED	4.46
36	Conversion of all street lights into solar LED	21.79
	Underground Wiring	
37	IPDS proposals	114.32
	Sanitation	
38	E-toilets along smart bus shelters	4.96
	PAN CITY	
39	ICT and Disaster Safety Components	15.58
40	Public Mobility App	10.00

Sl No.	Projects in SCP	Cost (Rs. In Crore)
41	Hardware & GPS Support	10.00
42	MCC - Citizen interphase APP	2.50
43	Bus shelters with Wi-Fi & E toilets	15.00
44	Smart water meters for H/H (15mm)	37.50
45	Smart water meter apartments (40mm) with Analyser	1.25
46	Bulk water meters + SCADA for water distribution network	50.00
47	Smart energy meters for LT (Res)	37.50
48	Mechanised vehicles for SWM collection (8 W)	3.00
49	Mechanised vehicles for SWM collection (4 W)	2.40
50	Segregated smart bins for street level collection	0.50
51	Hand held readers for H/H meters	0.01
52	Software for smart meters	0.07
53	Software for high bulk water meters	0.03
54	LED Street Lights - Major Roads	1.00
55	LED Street Lights - Minor Roads	1.25
56	LED Street Lights - Lanes	4.50
57	Command & Control Centre	60.00
58	CCTV System Fixed Zoom Telescopic Camera	3.00
59	Hardware Support	10.00
60	Networking & Cloud Support	5.00
61	CCTV for road surveillance (PTZ) with WP	12.50
62	CCTV for road surveillance (fixed tele) with WP	4.50
63	Control Room Hardware	3.50
64	Cabling & other hardware	2.50
65	Patrolling Vehicles 4 W	0.36

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.*