List of Projects as per Smart City Proposal : Vellore

Sl No.	Projects in SCP	Cost (Rs. in Crore)
	Area Based Development (ABD)	
	Water Supply & Strom Water Drain	
	Water Supply	
1	Smart Meters	15.43
2	Vehicle based data collection system	0.50
3	Kiosks in Corporation & Zonal office - for payment	0.40
4	Real-time Water Quality Monitoring	2.50
5	SCADA based water resources management solution	8.90
6	Missed call based water supply distribution timing identification systems	0.11
7	Rehabilitation of Transmission & Distribution Network (12Km of Transmission network and 80 Km of distribution network)	23.47
8	Improvement in Water Supply distribution systems	50.00
9	Water Augmentation	38.51
	SWD	
10	Closure of open SWD in the City	18.00
11	RCC lining work for carrying water through channel to palar river	62.50
12	ICT to analyze water flow levels in SWD and DSS for otteri reservoir on water discharge	0.60
	Improved Sanitation Services	
	Solid Waste Management	
13	Road cleaning machines	2.50
14	MRF (100 Ton/Day capacity to meet city needs)	78.31
15	Pyrolysis Plant (48 Ton/Day capacity to meet city needs)	4.00
16	Decentralized Waste Management	20.72
	Sewerage & Treatment	
17	Teritiary treatment plant for wastewater (7.71 MLD) including UGSR (2.6 MLD)	21.58
18	Dual plumbing system for distribution of recycled wastewater in the city	5.20
	Septage Management	
19	Purchase of vehicles	1.26
20	Decanting Facility in STP/Pumping stations	0.40
21	Creation of Database for septage management	0.21
22	Pipeline to discharge recycled wastewater at velavadi Eri /Firestation recharge points	4.00
	Public Toilets	
23	Construction of smart public toilet units in bus stops	1.00
24	Retrofitting/Upgrading existing public toilets	0.63
25	ICT for reporting cleanliness of public toilets	0.11
26	Mobile Truck based toilets for tourists in key location of the city	5.00
27	ICT for monitoring waterlevel in toilets + auto alert system for water refiling	1.40
28	Community Toilets	1.33
	Electricity, Street Lights and Improved Distribution Systems Design	
	Electricity	
29	Smart Meters	12.34
30	Kiosks in EB office - for ease of payment	0.10
31	Solar Roof Top	112.50
32	Underground cabling	28.00
	Street lights	
33	New Street lights poles in parks, hill ridge and hiking trails	1.05
34	Solar Street lights	1.05
35	Web based switch - ON & Off + Current flow based operationalstatus monitoring systems for street lights	3.08
36	LED Street lights with O&M	0.68

Sl No.	Projects in SCP	Cost (Rs. in Crore)
	Ducting	
37	Ducting for cables and pipelines	16.00
	Signage Boards	
38	Physical signage board in every junction to promote ease of transportation in the city (Above the ground)	0.28
39	Neighbourhood / locality map with important landmarks in every junction - to encourage pedestrians (on the ground)	0.60
40	Tourism Development	2.50
	Improved Mobility Services	
	Motorized & Non- Motorized Transportation Improvement Plans	
41	Pavement and Cycling Tracks	2.80
42	Roads	12.00
43	Pavement	12.48
44	Construction of Flyovers	110.00
45	Benches in parks, hill ridge and key areas	3.00
46	Automatic packaged ISO certified water packet dispensery outlets	1.25
47	2 Stairs to Highway bridge from City shoulder road - Scenic View of the Entire City	0.70
48	Development of Palar Riverfront road amenable for pedestrians & Bycling	1.35
49	Construction of exclusive walking & Bycling trail in the hill ridge	1.80
50	Development of hiking trail path to Sky Observatory	0.80
51	Creation of bi-cycle parking slot in Fort	0.30
52	Procurement of Bycycles	2.00
	Parking, Bus Stand & Market redevelopment	
53	Creation of multi-layer smart parking near CMC hospital	39.02
54	Creation of multi-layer smart parking near New Bus Stand - Including direct connection to New Bus Stand	19.51
55	Hi-tech Bus Terminus Development	56.92
56	Structured Parking in Market Area opposite to fort - timed parking	0.30
57	Modern bus stops & Auto Stands in the area	2.80
	Recreation and Improved Public Spaces	
	Recreation	
58	Centers of immersive learning	15.00
59	Cultural Center - Theatre hall, Culinary Center & Parking lot	10.50
60	Construction of 1000 Seat Capacity Theatre hall to promote City/state's inate culture & identity.	2.00
61	Fort view Culnary Centre	0.30
62	Establishment of Sky Obervatory Center in Sathuvachari Hills by setting up a large space telescope, multi-purpose open amphitheatre & space lab.	3.80
63	Creation of Audio-visual content for Vellore Fort & City heritage	3.00
64	Handheld devices in Fort for viewing audio-visual contents	1.00
65	Park Improvement	1.26
66	Mapping City's heritage by archeological experts and creation of self- guided heritage trail content for Vellore City	1.00
67	Fort Development	
68	Moat desilting	48.62
69	Floodlight Systems for Vellore Fort	0.40
70	Boating in fort moat	0.90
	City Aesthetics	
71	City Aesthetics - 3D wall paintings	2.34
72	Urban Forestry and Landscaping	3.00
	Market Development	
73	Netaji market development plan	34.00
	Enablers for Intelligent Solutions	
	ICT Solutions	
74	Handheld device to all emergency reponse units	2.00
75	Surviellance camera in all important nodes of the City, commercial area, market areas in the city	3.00

Sl No.	Projects in SCP	Cost (Rs. in Crore)
76	ICT device for automatic facial recognition from Criminal database and behavioral monitoring in important areas of the city	2.00
77	Sensor based accident prevention system & solar based emergency lighting system during blackouts	5.55
78	WB - Model City	120.00
	Connectivity	
79	Construction of wi-fi zones for 10 KM	5.00
80	Hardware (80TB Server)	9.11
	Enablers for Intelligent Solutions	
	Central Control Centre for data collection, storage, analysis & integrated dashboards	
81	GIS & other licenses	8.55
82	Cloud	3.86
83	network cost	7.14
84	a. Command and control centre - physical building with room for individual departments b. Video Wall - Operations room with alerting and monitoring systems c. Operator Work Stations d. Data Centre and conference facilities	40.00
85	Web & mobile application for citizens and 3rd Party E-Gov applications for line departments	6.00
	Improved Housing Services	
	Urban Housing	
86	NUHM Scheme	1.11
87	Housing & Slum Development Programme	1.27
	Pan City	
	Last Mile Connectivity	
88	Improve intra-city bus network	36.00
89	Feeder	18.00
90	Bus Shelter incl. land acquisition cost	7.00
	Intelligent Public Transport Systems	
91	GPS devices	0.20
92	Display boards for vehicle interior - to display next coming bus stop in multi languages	0.10
95	Display boards for bus stops with data receiving capabilities – to display next coming bus	0.14
96	Solar Panel for busstop display boards	0.42
97	Electronic Ticketing system	0.20
	Real-time Traffic Modelling	
98	CCTV cameras for traffic modeling including name plate recognition	0.05
	Public Information Systems	
99	Electronic display boards in public areas allowing bi-directional information flow (Kiosks) including grievance registration systems	0.72
100	Electronic Display boards in bus - advertisements & general information systems	0.60
	Decentralized Solid Waste Management Framework	
	SWM	
101	Dustbin cost for households, commercial establishments, market, educational institutions	27.25
102	GIS enabled refuse collection vehicles	33.11
103	Handheld devices for household Refuse Collectors (RC), Market waste RC, Barber RC, On Demand RC, M&E team in Decentralized waste collection centers, nodal officers, commissioner, mayor and the collector	0.58
104	Integrated waste management monitoring framework	0.80

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.*