

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

<b>Sl. No.</b>	<b>Projects in SCP</b>	<b>Cost (Rs. in Crore)</b>
	<b>Area Based Development (ABD)</b>	
	<b>Identity &amp; Culture</b>	
1	Godavary Kalakshetram (International Conventional Centre)	30.46
	<b>Economy &amp; Employment</b>	
2	Mall & Multiplex	40.00
3	Development of Boat Building Yard	26.57
4	Construction of cold storage at Yetimoga	5.00
5	Hyegenic markets for fish processing and packing units	2.60
6	Skill Development Centre at Ramaraopeta	1.50
7	Skill Development Centre for women	1.00
8	Convention Centre and Budget Hotel	17.00
9	Upgradation of food, vegetables and meat markets (3 markets)	7.40
10	Infrastructure for vending zones	1.00
11	Upgradation of Eataries for hygiene food	5.60
	<b>Health</b>	
12	E Health component	0.50
13	ESI Hospital (100 beds)	50.00
	<b>Education</b>	
14	Science centre	0.38
15	Upgradation of School Infrastructure	5.02
16	E-Pathashala in 23 schools with 160 Classrooms	5.83
	<b>Open Spaces</b>	
17	Improvement of Greenary in Gandhinagar Park	3.50
18	Improvement of Greenary in Raja Tank Park	6.00
19	Fountain Raja Tank	0.30
20	Road Side Plantation and greenary	7.20
21	Geo-Tagging	0.33
22	Watering Facilities	0.48
	<b>Housing</b>	
23	Construction of 1560 Pucca Households which are Kutcha (weaker section)	74.88
24	Construction of 3200 Pucca Households which are Semi-Pucca	153.60
	<b>Transport, Mobility &amp; Walkability</b>	
25	Smart Pedestrian Facilities (Footpath Construction with RCC Box ducts)	89.04
26	Smart NMT Facilities (Cycle Tracks on roads)	10.00
27	Public Bicycling Sharing System	4.43
28	Junction Improvements with Smart Signalisation	2.50
29	E-rickshaws	1.00
30	Junction Improvements (Minor Junctions)	4.80
31	Elevated Skyway (RTC Complex to Railway Station)	4.00
32	Smart Bus Shelters with Smart E-Toilets	4.00
33	Smart Bus Terminus (RTC Complex)	50.00
34	CCTV Cameras	0.10
35	PTZ Cameras	0.35
36	Smart Off-Street Parking Development @ MC Laurance School	3.00
37	Multi-Level Parking @ Santa Cheruvu	5.00

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38	Signage and bulletin boards	1.80
39	Road Markings with solar studs	6.75
40	Pratapnagar Bridge including road widening	6.00
41	Ramya Hospital Road including road widening	6.00
42	Construction of ROB at Kondayyapalem level crossing (Railway km 11 /19-20)	74.00
43	Construction of bridge on East Yeleru drain at Indrapalem lock	3.25
44	Construction of Approach Road to NTR Bridge for temple street	10.00
45	Construction of ROB at Port area level crossing and salt creek	84.50
	<b>IT Connectivity</b>	
46	100% IT Connectivity in the area	4.40
	<b>Energy Source</b>	
47	Installation of roof top solar projects on Govt. buildings	40.00
48	Installation of roof top solar projects on Apartments	112.80
	<b>Wastewater Management</b>	
49	Construction of 140km sewerage network and 13 MLD STP	264.81
	<b>Water Supply &amp; Quality</b>	
50	Online Water Quality Monitoring	5.00
51	Installation of Automatic Smart Water Meters	16.12
52	implementation of SCADA	5.00
53	Reuse of filter backwash water from WTP	4.00
	<b>Energy Efficiency</b>	
54	Solar LED Street Lights	30.28
55	LED lights to all HHs	7.74
	<b>Under Ground Wiring</b>	
56	UG Wiring + SS construction + SCADA + Telecom cabling + IT enabled Customer Support	96.80
	<b>Sanitation</b>	
57	Development of 508 Individual Toilets	0.76
	<b>Waste Management</b>	
58	Deployment of 64 e-Tricycles	0.77
59	Deployment of 217 HDPE Bins(1100 litres)	0.54
60	Deployment of 6 Compactors	1.50
61	Deployment of 6 Sweeping Machines	4.20
62	Other Equipment & PPE	0.10
63	provision for bio-metanization plants	36.00
	<b>Safety</b>	
64	Installation of 1220 CCTV Cameras and Contol Room	5.58

Sl. No.	Projects in SCP	Cost (Rs. in Crore)
	<b>Storm water Drainage</b>	
65	Construction of 254km (both sides of roads) SW Drains including outfalls and culverts	307.04
	<b>Development of Commercial canal</b>	
66	Development along Commercial canal from Indrapalem Lock to Jaganaickpur old Bridge	92.00
	<b>Piped Gas Network</b>	
67	Development of piped gas network	14.00
	<b>Pan City</b>	
	<b>ICT Based Urban Services</b>	126.00
68	SCADA, water quality meters, smart water meters	
69	SCADA for wastewater	
70	CCTV cameras to monitor traffic congestion, accidents, crime and weather	
71	Smart signals	
72	Smart parking meters	
73	SCADA and smart automatic meters for power supply	
74	Geo-tagging of assets	
75	Biometric and progress monitoring system in government schools	
76	e-health system to track health records and medical supplies	
77	Automatic air pollution monitoring system	
78	Water level indicators and water quality meters for water bodies	
79	Emergency response system	
80	GPS to track all government vehicles	
81	GPS to track all fishermen vessels	
82	Systems to synchronisation with INCOIS regarding tsunami, high wave and storm surge warnings	
83	Smart phones to all the government employees to keep connected	
84	e-poura kendras (kiosk) to support citizens who are not internet friendly in payment of taxes, user charges and lodge complaints	
85	Integrated mobile app to connect the citizens with the system	
86	Computers, servers, cloud, internet, etc. to connect all the devises and big data analysis	
87	Command and control room	
89	ICT Based MSW Management	0.92

**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.