

Appendix 5.43			
Details of major projects undertaken by KSUDP			
(₹ in Lakh)			
Sl. No	Major Projects	Estimated/ Negotiated Cost/ Awarded Cost (Rs.lakh)	Physical Achievement (as on Sept.2013)
Thiruvananthapuram			
1	Rehabilitation of existing sewerage system in C Block and extension of Sewerage System in uncovered areas of C Block (Pettah, Chakkai, Kadakampally)	1255.92	Work awarded and overall physical progress is about 6%
2	Extension of Sewerage System to Southern part of Coastal Area - Part I - GI Block (Valiyathurai, Vallakadavu, Shangumugham, Vettukad and Kannamthura)	5230.15	Work awarded and in progress
3	Construction on 107 MLD STP based on ASP with extended aeration	7269.20	Completed. Commissioning of the plant in progress
4	Construction of Septage receiving station, pipe line, civil, mechanical and electrical works	51.00	Deferred
5	Improvements to Pazhavangadi Thodu, Diversion works, Thampanoor Area and Thekkanakkara Canal (Phase I)	937.26	Work awarded and overall physical progress is about 45%
6	Thiruvananthapuram Road Improvement (Attakulangara to NH bypass near Thiruvallam via manacaud)	1229.89	Work awarded over all physical progress is about 85%
7	Thiruvananthapuram Road Improvement (Peroorkada to Killippalam)	1770.00	Deferred
8	Road Improvement Works to Thiruvananthapuram - Part II (Road from Poojappura round to Thirumala and Road from Valiyavila to Peyad)	1230.03	Work awarded
Kollam			
9	Rehabilitation and Strengthening of Existing Kollam Water Supply Scheme & Water Treatment Plant at Sasthamkotta transmission upto Kollam	560.81	Work awarded and overall physical progress is about 35%
10	Rehabilitation of existing distribution system - Replacement of old AC pipes with New HDPE and DI pipes for a length of 16.44 km.	525.26	Work awarded and overall physical progress is about 60%
11	Rehabilitation of existing sewerage system and extension of sewerage system to Zone A1- Part I	2401.04	Work awarded. Delay in obtaining road cutting sanction from PWD and NH is affecting progress of pipe laying work
12	Rehabilitation of existing sewerage system and extension of sewerage system to Zone A1- Part 2	3634.82	Work awarded. Delay in obtaining road cutting sanction from PWD and NH is affecting progress of pipe laying work
13	12 MLD capacity STP based on	1795.20	Price bid evaluation report submitted to

	MBBR/SBR technology		ADB. Awaiting ADB's approval
14	Solid Waste Management Works - Compost Plant	479.00	Around 90% of the work completed. Further work not progressed due to public protest.
15	Solid Waste Management Works - Landfill	202.57	Around 75% of the work completed. Further work not progressed due to public protest.
16	Solid Waste Management Works - Infrastructure	288.98	Around 95% of the work completed. Further work not progressed due to public protest.
17	Biogas plant at Collectorate compound	8.54	Work Completed
18	Biogas plant at Kadappakkada market	16.30	Work Completed
19	Biogas plant at Moonamkutty Market (for Hotel and Market Waste - 0.7 ton/day)	13.00	Work completed
20	Biogas Plant at Thevally Market (0.7 t/day)	13.00	Work completed
21	Biogas Plant at Pallimukku Market (for market and hotel waste - 0.7 t/day)	13.00	Work Completed
22	Biogas Plant at Eravipuram Market (for hotel waste and market waste - 0.7 t/day)	13.00	Work Completed
23	Biogas Plant at Corporation Municipal Town Hall	10.90	Work Completed
24	Biogas Plant at QSS Karithas Colony, near Thekkumbhagam Anganwadi	11.50	Work Completed
25	Solid Waste Management - works - vehicles	111.15	Supply completed
26	Solid Waste Management - works - vehicles	99.90	Deferred
27	Procurement of Primary Storage for SWM	24.50	Deferred
28	Procurement of Primary Collection Equipment for SWM (Phase 2)	49.70	Deferred
29	Procurement of Secondary Storage and Transportation Equipment (Phase 2)	95.60	Deferred
30	Procurement of Secondary Storage and Transportation Equipment (Phase 2) (Lot 2)	46.50	Supply completed
31	Urban Drainage Improvement works - Phase 1	316.53	Work Completed
32	Urban Drainage Improvement works - Phase 2	655.24	Work Completed
33	Urban Drainage Improvement works - Phase 3	812.00	Retendered on 26th Sept. 2013 with bid submission date as 13th Nov.2013
34	Road Upgradation and Junction Improvement-Part I	1708.83	Work Completed
35	Foodpath on either side of RoB at Chemmamukku	107.00	Retendered on 29th Aug. 2013. Bid opened on 4th Oct.2013. Tehnical bid evaluation in progress
36	Road Upgradation and Junction Improvement-Part II	758.10	Deferred
37	Chinnakada Underpass Development - Part III	450.17	Work awarded and physical progress is about 5%. The process of handing over and taking over of Railway Land

			in process
38	Street Light	144.51	Work completed
Kochi			
39	Rehabilitation of intake, WTP, transmission mains	1435.23	Work awarded and over all physical Progress is about 72%
40	Automation of Alwaye water treatment plants 1 and 2	362.46	Work awarded and over all physical Progress is about 65%
41	Rehabilitation and augmentation of distribution network and service connections - Part A	1045.11	Overall physical progress 40%. During the review meeting held on September 05, 2013 at site, APM, Kochi (SE, KWA) expressed difficulties in taking the project forward due to lack of co-operation from the Contractor and site related issues. As part of the discussion, APM recommended short-closure of the package. Official communication regarding recommendation for short-closure from APM awaited
42	Rehabilitation and augmentation of distribution network and service connections (including Vennala and Elamankara)	507.69	Work Completed
43	Replacement of old damaged 700mm premo pipe from Port Bristow road to East End of Mattanchery Bridge using 700mm DI K9 pipe and 710mm HDPE pipe	253.95	Work awarded and over all physical Progress is about 65%
44	Rehabilitation of distribution and service connections in SA Road (providing rider service lines of SA Road (700mt)	364.61	Work awarded and over all physical Progress is about 15% limited to supply of pipes; negotiation with the Contractor failed and KWA has retendered the work under their own bidding process. Pre closure of the package needs to be intimated to ADB
45	Rehabilitation/Extension Sewerage System in South Ernakulam	3654.00	Deferred
46	Construction of sewerage system for Zone 4, 6 of West Kochi, Kochi Corporation, Phase II	5760.26	42nd EC approved to award the work. LoA to be issued
47	Construction of pump houses including electrical and mechanical works, pumping main for Zone 4, 6 of West Kochi, Kochi Corporation, Phase II	1642.32	42nd EC approved to award the work. LoA to be issued
48	Construction of pump houses including electrical and mechanical works, pumping main for Zone 3, 8 & 9 of West Kochi, Kochi Corporation, Phase I	4142.00	Price bid evaluation report submitted to ADB on 19th Sept.2013. Awaiting ADB approval
49	Land filling works for Sewage Treatment Plant at Mundanveli of West Kochi	378.90	75% work completed; work stopped due to the objection from KSCZMA on 19.05.2011
50	12 MLD capacity STP at Mundanveli based on MBBR/SBR technology	1904.00	CRZ clearance obtained KSCZMA. Approval received from 37th EC to retender the work. The Hon'ble High

			Court on 19th Aug.2013 referred the matter to National Green Tribunal, Chennai.
51	Procurement of Primary Storage Equipment for SWM (Metal Plates, wheel barrows, hand carts etc)	156.00	Supply completed
52	Procurement of Primary Collection Equipment for SWM (Auto 3 wheelers and 4 wheelers)	135.83	Supply completed
53	Procurement of Secondary Storage and Transportation Equipment (High body tippers, crew cabs, vehicle washing equipments)	102.53	Supply completed
54	Primary Storage bins for SWM (collection bins)	135.27	Supply completed
55	Procurement of Primary Collection Equipment for SWM (Phase 2)	151.10	Deferred
56	Procurement of Secondary Storage and Transportation Equipment (Phase 2)	275.40	Deferred
57	Urban Drainage Improvement Works of Drains (excavation, sidewall, cover slab of drains and culverts in the centre part of Kochi)	1149.37	Work awarded and over all physical Progress is about 90%
58	Urban Drainage Improvement Works of Canals (protection and desilting of natural drains of central and western area of Kochi)	83.00	Deferred
59	Road Upgradation Works - SA Road	1079.90	Work Completed
60	Road Upgradation Works - Edapally/High Court Road	2021.28	Work Completed
61	New Bridge at SA Road - Kochi	419.84	Work Completed
Thrissur			
62	Rehabilitation of intake, WTP,Storage reservoirs and repair/replacement of transmission mains	4218.18	Work Completed
63	Rehabilitation and augmentation of distribution network and service connections	2373.73	Work awarded and overall physical progress is about 37%
64	Solid Waste Management - Compost Plant, Landfill and Container Platforms	492.40	Work stopped due to public protest;40% completed
65	Procurement of Primary Storage Equipment for SWM	99.75	Supply completed
66	Procurement of Primary Collection Equipment for SWM	64.25	Supply completed
67	Procurement of Dumper Containers 3.5 m ³ capacity (30 Nos.) Dual Dumper Placers (2 Nos.)	48.59	Supply completed
68	Procurement of Covered tipping trucks for Direct Collection (1 No, Tipper Truck (2 Nos.)	38.99	Supply completed
69	Procurement of Primary Storage for SWM (Phase 2)	58.20	Deferred

70	Procurement of Primary Collection for SWM (Phase 2)	90.80	Deferred
71	Procurement of Secondary Storage and Transportation for SWM (Phase 2)	253.20	Deferred
72	Urban Drainage Improvement	1627.38	Work awarded
73	Urban Drainage Improvement	744.83	Work awarded
74	Road improvement works	2934.04	Work Completed
Kozhikode			
75	Rehabilitation of existing sewerage system and extension of sewerage system to Zone A (Part A)	2727.00	Deferred
76	Rehabilitation of existing sewerage system and extension of sewerage system to Zone A (Part B)	2000.00	Deferred
77	Construction of Sewerage Networks, Wet Wells, Pumping Stations and Pumping Mains for Kozhikode Sewerage Scheme Zone B (Part A)	3618.17	Work awarded and overall physical progress is about 16%
78	Rehabilitation of existing sewerage system and extension of sewerage system to Zone B (Part B)	2767.13	Work awarded and overall physical progress is about 17%
79	Land development and approach road works for construction of STP, Kozhikode	748.59	Awarded; work not progressed due to public protest
80	13.5 MLD capacity STP based on MBBR/SBR technology	2100.70	The lowest bid refused to extend the bid validity vide his letter dt. June 26, 2013. In this context requested ADB for approval to negotiate with L2 bidder. The ADB vide its facts dt. 29th Aug. 2013 advised to award the work to L2 bid. A circulation note submitted to the Principal Secretary to Govt., LS GD on 3rd Sept. 2013. Awaiting Govt. decision
81	Solid Waste Management - Compost Plant, Landfill and Container Platforms	388.00	Over all physical Progress (90%). Leachate Treatment Plant erected and commissioned but due to non compliance of effluent characteristics with contract requirement, LTP work has not been accepted. Repeated request to contractor not yielded any result, resulting in terminating contract and confiscated the bank guarantee.
82	Procurement of Primary Storage Equipment for SWM	17.03	Supply completed
83	Procurement of Primary Collection Equipment for SWM (Auto 3 wheeler bins 60 Ltrs capacity)	44.27	Supply completed
84	Procurement of Secondary Storage and Transportation Equipment (Dumper container 3.5 m3 capacity - 20 Nos; Duel dumber placer - 2 Nos.)	34.63	Supply completed
85	Procurement of Secondary Storage and	92.79	Supply completed

	Transportation Equipment (Rear loader compactor vehicle 7 com 2 Nos; Rear Loader compactor vehicle - 14 com 2 Nos.)		
86	Procurement of Secondary Storage and Transportation Equipment (Tipper truck 1 No.)	14.13	Supply completed
87	Procurement of Secondary Storage and Transportation Equipment (skid steer loader 1 No.)	15.00	Deferred
88	Procurement of Secondary Storage and Transportation Equipment (Truck mounted drain flushing system 1 No.)	14.00	Deferred
89	Procurement of Secondary Storage and Transportation Equipment (Power sprayers 16 Nos.)	3.22	Supply completed
90	Procurement of Primary Storage for SWM (Phase 2)	15.10	Deferred
91	Procurement of Primary Collection for SWM (Phase 2)	227.80	Supply completed
92	Procurement of Secondary Storage and Transportation (Phase 2)	137.60	Deferred
93	Urban Drainage Improvement - Phase 1	587.89	Work Completed
94	Urban Drainage Improvement - Phase 2	1415.23	Agreement executed on 21st Oct.2013 mobilisation in progress
95	Urban Drainage Improvement - Phase 3	1084.50	Deferred
96	Road and bridge improvement works (KZD-RT-01)	3902.16	Work Completed
97	Balance road works in front of Passport Office (KZD-RT-01A)	8.40	Proposed to executed this work as variation to the ongoing sewerage contractor
98	Providing protective coating over Arayidathpalam Flyover	48.00	Deferred
99	Urban Road Transport Works, Package I, Phase II	668.00	Deferred

Source: KSUDP