

APPENDICES

Appendix 1.1

(Reference: Paragraph 1.5.2; Page 3)

Department-wise details of Outstanding Inspection Reports and Paragraphs

Sl. No.	Name of the Department	Number of Outstanding	
		Inspection Reports	Audit Observations
1	Adi-Dravidar and Tribal Welfare	194	1,040
2	Backward Classes, Most Backward Classes and Minorities Welfare	112	359
3	Co-operation, Food and Consumer Protection	115	252
4	Finance	47	96
5	Health and Family Welfare	686	3,147
6	Higher Education	355	1,554
7	Home, Prohibition and Excise	401	1,337
8	Housing and Urban Development	34	122
9	Labour and Employment	69	144
10	Law	7	19
11	Municipal Administration and Water Supply	207	464
12	Personnel and Administrative Reforms	8	22
13	Planning, Development and Special Initiatives	20	43
14	Public	18	40
15	Revenue	1,525	5,714
16	Rural Development and Panchayat Raj	63	222
17	School Education	491	1,781
18	Social Welfare and Nutritious Meal Programme	217	756
19	Tamil Development and Information	58	265
20	Tourism, Culture and Religious Endowments	47	151
21	Welfare of Differently Abled Persons	90	368
22	Youth Welfare and Sports Development	31	109
23	Special Programme Implementation	3	13
	Total	4,798	18,018

Appendix 2.1
(Reference: Paragraph 2.1.5; Page 15)

District-wise offices visited

Sl. No.	Police Department	Transport Department	Health and Family Welfare Department	Highways Department
Chennai District				
1	Office of the Commissioner of Police, Vepery, Chennai	Joint Transport Commissioner (South), Joint Transport Commissioner (North)	Rajiv Gandhi Government General Hospital, Royapettah Government General Hospital, Kilpauk and Stanley Medical College Hospitals	Divisional Engineer, Highways (Construction & Maintenance), Chennai City Roads Chennai
2	Traffic Investigation Wing, Adyar, Thirumangalam, Pondy Bazaar, Guindy, St. Thomas Mount, Chromepet, GNT Road, Poonamallee,	District Collector		Commissioner, Greater Chennai Corporation (Bus Route Roads)
3	Elephant Gate, Royapuram, Koyambedu, Washermanpet, Kilpauk, Anna Nagar and Anna Square	RTOs, West, North, Meenambakkam and Tambaram		
Cuddalore District				
4	Office of the Superintendent of Police, Cuddalore	District Collector	Joint Director of Health Services, Cuddalore	Divisional Engineer, Highways (Construction & Maintenance) Department, Cuddalore
5	Panruti, Pennadam, Puduchathiram, Ramanatham, Vadalur, Vridhachalam, Kadampuliyur, Thirpapuliyur, Nellikuppam, Veppur and Cuddalore Old Town Police Stations	RTO (Cuddalore), Unit Offices Panruti and Vridhachalam	Government District Hqrs. Hospital, Cuddalore, Government Taluk Hospital, Vridhachalam, Thittagudi and Panruti	Commissioner, Cuddalore Municipality
Coimbatore District				
6	Office of the Commissioner of Police, Coimbatore	District Collector	Joint Director of Health Services, Coimbatore	Divisional Engineer, Highways (Construction & Maintenance) Department, Coimbatore
7	Office of the Superintendent of Police, Coimbatore	RTO, South and North and Pollachi	Coimbatore Medical College Hospital	Commissioner, Coimbatore Corporation
8	Traffic Investigation Wing, Coimbatore City East and West		Government Hqrs. Hospital, Pollachi	
9	Thudialur, Pollachi East, Kaunthampatti, Periyanaickenpalayam, Sulur, Karamadai, Mettupalayam, Annur and Kovilpalayam Police Station		Government Taluk Hospital, Mettupalayam	
Pudukottai District				
10	Office of the Superintendent of Police, Pudukottai	District Collector	Joint Director of Health Services, Pudukottai	Divisional Engineer, Highways (Construction & Maintenance) Department, Pudukottai
11	Alangudi, Vellanur, Viralimalai, Keeranur, Thirumayam, Thirugokarnam, Annavasal, Aranthangi, Gandarvakottai and Mathur Police Stations	RTO (Pudukottai) and Illupur Unit Office	Pudukottai Medical College Hospital, Government Hospital, Aranthangi and Government Taluk Hospital, Viralimalai	Commissioner, Pudukottai Municipality

Appendix 2.2 (Reference: Paragraph 2.1.5; Page 15)

Sample Selection Process

Road Accident Database Management System (RADMS) is a web based software used by the Police, Transport, Highways and Trauma Care departments to capture road accident information. The RADMS data on accidents gives a fair picture of the effectiveness of road safety measures in different districts. Therefore, the district-wise data on road safety performance were considered to rank the districts using data analytics tools on a scale of 1 to 4, with '1' being very poor and '4' being very good. The parameters adopted for ranking of the districts are given below.

- (i) Number of fatalities per fatal accident,
- (ii) Fatalities per total accidents,
- (iii) Vehicles without Fitness Certificate involved in accident,
- (iv) Vehicles involved in fatal accident out of total vehicles,
- (v) Accidents due to drunken driving,
- (vi) Accident victims admitted to hospital after the golden hour,
- (vii) Percentage of accidents on National Highways,
- (viii) Percentage of number of accidents occurred on State Highways,
- (ix) Number of accidents in single, double and four lane,
- (x) Number of black spots and
- (xi) Fatalities in black spots.

The State was divided into three zones, south, central and north. One district from each zone with the poorest performance in the aggregate score of the road safety performance parameters was selected.

- (a) North Zone - Cuddalore,
- (b) Central Zone - Coimbatore
- (c) South Zone - Pudukottai.

Besides, one district which had the highest aggregate score was also selected.

- (d) Chennai.

Appendix 2.3

(Reference: Paragraph 2.1.9.1; Page 39)

Details of road safety measures as per IRC provisions lacking in test-checked roads/reaches of Chennai District

Sl. No.	Name of the Road	Road side hazards		Carriage-way provisions			Pedestrian facilities encroachments	Median safety measures	Speed breakers - no advance warning sign
		Chevron markings and hazard sign boards	No hazard markers	Road / arrow markings were not provided	Cautionary sign board was not provided where the collector road enters into the arterial road	Carriageway was encroached with parking of vehicles and berm width of the roads was inadequate to the specified standard of 2.5 m			
	Indian Road Congress (IRC) Specification Number	67-2010		35-2015			67-2010 and 35-2015	SP 41-1994	99-1988 and 67-2010
1	Grand Southern Trunk Road (SHU 88)	3 stretches	6 stretches	12 stretches	4 stretches	..	4 stretches	4 stretches	6 stretches
2	Grand Northern Trunk Road (SHU 87)	..	5 stretches	8 stretches	..	12 stretches	15 stretches	4 stretches	..
3	Chennai Corporation - bus route roads								
	(i) Uthamar Gandhi Salai	3 locations		5 locations			3 locations	2 locations	..
	(ii) Alandur Road	2 locations		3 locations			1 location	1 location	..
	(iii) Race course road	2 locations		1 location			1 location	1 location	..
	(iv) East Ramanathan Salai	2 locations		1 location			1 location
	(v) Wallajah Road	5 locations		..			4 locations	3 locations	..
	(vi) Usman Road	1 location		2 locations		
	(vii) Sir Theyagaraya Road	3 locations		2 locations			..	4 locations	..

Appendix 2.4
(Reference: Paragraph 2.1.10.2 (a) and (d); Pages 46 and 47)

Details of inadequate equipment in the trauma care centres of the test-checked hospitals in sampled districts

Sl. No.	Name of the equipment	Requirement as per GO guidelines	Equipment available in									
			RGGGH	Kilpauk MCH	GH, Royapettah	Stanely MCH	Coimbatore MCH	Pudukottai MCH	GH, Aranthangi	GH, Cuddalore	GH, Vrindhachalam	GH, Pollachi
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Mobile Image intensifier (C-Arm) - with CD Rom, Printer, 12" CCD, Double Monitor, Facilities for Electronic Transmission and Networking for Tele-Radiology with X-ray and DSA facilities	1	1	1	0	1	0	0	0	3	0	1
2	3 D Ultrasonography - Trolley based	1	1	1	1	0	0	0	0	1	0	0
3	500 mA X ray machine with dark room facility	1	1	1	1	1	0	1	0	1	0	1
4	CT scan multi slice	1	1	0	1	1	0	1	0	1	0	0
5	100 mA Portable X ray machine	1	1	0	0	0	0	1	0	1	1	0
6	Operation Theatre table - 4 segment, translucent top with orthopaedic attachment	1	1	0	0	1	0	0	0	1	0	1
7	Cautery machine - mono & bi polar with vessel sealer	2	2	0	0	only 1	0	0	0	2	0	0
8	Operation Theatre ceiling light - shadow less	2	2	0	2	only 1	0	0	0	2	0	1
9	High vacuum suction machine	2	2	2	0	0	0	4	0	1	0	0

Audit Report (General and Social Sector), Tamil Nadu for the year ended March 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
10	Anaesthesia machine with monitor 6-8 channel	2	2	2	0	0	0	2	0	4	0	0
11	Pneumatic tourniquet	2	2	0	0	0	0	0	0	0	0	0
12	General surgical instruments	2 sets	2 sets	0	2 sets	2 sets	0	0	0	0	2 sets	0
13	Thoracotomy instrument	1 set	1 set	0	0	0	0	0	0	0	0	0
14	Spine surgery instruments	1 set	1 set	0	1	0	0	0	0	1	0	0
15	Power drill & power saw	1	1	0	1	0	0	0	0	0	0	1
16	Craniotomy instrument	2 sets	2 sets	0	1	1 set only	0	0	0	0	0	0
17	Splints & traction	2	2	0	2	2	0	0	0	0	0	0
18	Lab, automatic blood gas analyser	1	1	1	0	0	0	3	0	0	0	0
19	Automatic Bio Analyser	1	1	1	0	0	0	1	0	0	1	0
20	Patient warming system	1	1	0	0	0	0	0	0	0	0	0
21	Defibrillator	2	2	2	1	0	1	22	0	2	0	0
22	Operating microscope	1	1	0	0	0	0	0	0	0	0	0
23	Operating Head Lights	2	2	0	0	0	0	0	0	0	0	0
24	Fowler's bed	20	20	0	0	20	8	10	0	6	0	0
25	10 bedded step down/recovery unit 5 monitors & 4 channels	Requi-red	2	0	0	0	0	0	0	0	0	0
26	Rehabilitation Equipment - SW Diathermy, IFT Machine, Cervical and Lumbar traction and Physiotherapy	Requi-red	1	0	1	1	1	0	0	0	0	0
27	Blood bank	Requi-red	1	1	1	1	1	1	0	1	0	1
	1			1	0	1	1	0	1	0	1	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
28	Ventilator with Adaptive support ventilation technology	6	6	6	1	only 3	6	1	0	only 2	0	0
29	Multi Parameter Monitor including ET CO2	6	6	6	1	2	0	0	0	0	0	0
30	Laminar air flow - Modular theatre	1	1	0	1	0	0	0	0	0	0	0
31	Electricity back-up for 8 hours	1	1	0	1	0	1	0	0	0	0	0
32	Computer with LAN, Networking and Broad Band facility, Printers, UPS	6	6	6	0	0	0	0	0	0	0	0
33	Telephone, Intercom, Mobile phone	Requi -red	1	1	0	0	1	0	0	1	0	0
34	Central supply of oxygen, Nitrous oxide, compressed air and vacuum	Requi -red	1	1	0	1	1	0	0	1	1	0
35	Tracheostomy set	5	5	0	1	5	0	0	0	0	0	0
36	Venesection set	6	6	0	0	6	0	0	0	0	0	0
37	ECG Machine	1	1	1	1	1	1	1	0	1	1	1
38	Nerves stimulator	2	2	2	1	2	0	0	0	0	0	0
39	Patient shifting Cot / Trolley	Requi -red	1	0	0	0	1	0	0	0	0	1
	Total item wise equipment available	39	39	16	19	19	10	12	0	18	5	8
	Equipment not available		0	23	20	20	29	27	39	21	34	31
	<i>Percentage of item wise equipment available</i>		100	41	49	49	26	31	0	46	13	21
	<i>Percentage of item wise equipment not available</i>		0	59	51	51	74	69	100	54	87	79

MCH: Medical College Hospital; GH: Government Hospital

Appendix 2.5
(Reference: Paragraph 2.1.10.2 (b); Page 46)

Details of inadequate staff in the Trauma Care Centres of the test-checked hospitals in sampled districts

Sl. No.	Category of Staff	Designation	Requirement as per GO 122	Man power available in									
				RGGGH	Kilpauk MCH	Royapettah GH	Stanely MCH	Coimbatore MCH	Pudukottai MCH	GH, Aranthangi	GH, Cuddalore	GH, Vridhachalam	GH, Pollachi
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Specialist	General Surgeon	2	4	2	0	0	0	0	0	0	0	1
2		Orthopaedic Surgeon	4	4	4	0	0	0	0	0	8	0	0
3		Anaesthetist	3	6	0	0	0	0	0	0	0	0	0
4		Casualty Medical Officer	4	30	3	0	0	0	1	0	0	0	0
5	Nursing Staff	Staff Nurses	12	100	0	0	0	0	0	0	8	0	1
6		Nursing Assistant	4	24	0	0	0	0	0	0	3	0	0
7	Para Medics	Pharmacist	1	1	0	0	0	0	0	0	0	0	0
8		Operation Theatre Technician	3	10	0	0	0	0	0	0	2	0	0
9		Lab Technician	2	4	1	0	0	0	0	0	1	0	0
10		Radiographer	3	4	0	0	0	0	0	0	1	0	0
11		Hospital worker	6	6	0	0	0	0	0	0	1	0	1
12		Sanitary worker	6	6	0	0	0	0	0	0	0	0	0
13		Ministerial staff (with computer knowledge)	1	1	0	0	0	0	0	0	0	0	0
14		Physiotherapist	2	2	0	0	0	0	0	0	0	0	0
15		Plaster of paris Technician	4	4	0	0	0	0	2	0	1	0	0
16	Others	Security persons	4	8	0	0	0	4	0	0	0	0	0
Grand total			61	214	10	0	0	4	3	0	25	0	3
Staff not available				0	51	61	61	57	58	61	36	61	58
<i>(Percentage of staff not available)</i>				<i>0</i>	<i>84</i>	<i>100</i>	<i>100</i>	<i>93</i>	<i>95</i>	<i>100</i>	<i>59</i>	<i>100</i>	<i>95</i>

MCH: Medical College Hospital; GH: Government Hospital

Appendix 2.6
(Reference: Paragraph 2.1.12.2; Page 53)

Details of non-implementation of road safety measures recommended by District Road Safety Committee/noticed during joint physical verification

District and DRSC Meeting date	Pudukottai Joint physical verification: July 2018 DRSC meeting: November 2015						Cuddalore Joint physical verification: July 2018 DRSC meeting: June and November 2017 and March 2018		Coimbatore Joint physical verification: August 2018 DRSC meeting February 2015			
	National/ State Highway Number	SH 29	SH 29	SH 26	SH 26	SH 71	SH 71	NH	SH 138	SH 15	MDR 361	SH
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Road name	Tanjavur-Sayalkudi Road	Tanjavur-Sayalkudi Road	Trichy-Pudukottai-Aranthangi-Mimisal	Trichy-Pudukottai-Aranthangi-Mimisal	Musiri-Kulithalai-Pudukottai-Sethubava Chathiram Road	Musiri-Kulithalai-Pudukottai-Sethubava Chathiram Road	Cuddalore-Chidambaram	Jail Hill-Vellakurai-Kumalangulam	Metupalayam-Sathyamangalam	..	Salem-Cochin Road	Brook Bond Road
Location	Kattumavadi junction	Aranthangi, Near GH	Vilanur - pond	Nanakudi curve	Entire stretch	Entire stretch	Mohini Bridge, Seemati-SBI and branch roads meeting NHC	Main Gate of Central Jail	Sirumugai Road-Koothamadaai junction	Podhanaur-Kurici road junction and Kurichi bus stop junction	PSG Colleges	Brook Bond mall
Road reach	93/4-94/6	92/210	105/2	90/6-90/8	46/6-89/59 ^A	101/96-137/2 ^B	70/6	0/2		
Roundabout	×											
Caution & sign board	×	×			×	×				×		
No junction						×						
No traffic island					×	×						
High Mast Lamp	×											
Traffic lane line	×				×	×						
Border/edge line	×				×	×						
Arrow/direction markings	×					×						
Widening of road							×					

Audit Report (General and Social Sector), Tamil Nadu for the year ended March 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Hazard markings	×				×	×	×	×		×		
Chevron markings	×				×	×						
Zebra crossing	×				×	×						
Stop line before bus bay	×											
Speed breakers	×				×	×	×	× ^D		×		
Safety barrier for median	×											
Footpath & guard rails	×	×			×	×					× ^E	× ^F
RoW encroachments	×	×			×	×						
Center median	..	×			×	×	×					
Iron crash barrier			×	×								
Solar flashing light					×	×						
Road berms/lacking, not maintained					×	×		×				
Pavement markings					×	×	×					
Median openings					×	×						
Tree obstruction			×									
Narrow bends									×			
Studs							×			×		

(A) Temple encroachment on curve (69/6), Minor bridge and culverts at 10 locations had no hazard markings, safety barriers and reflectors; (B) Invisible curve (136/8) and accident spot (127/2), Minor bridge and culverts at 4 locations had no hazard markings, safety barriers and reflectors; (C) Poor visibility in the night and hazards like traffic islands, median openings and objects close to the carriageway and Electric lights and only one marker on one side were installed in the bridge. Centre median was not installed; (D) Work not done as per specifications; (E) Foot over Bridge located inside the college campus should be given public access from foot path and (F) Foot over Bridge not provided.

Despite instructions issued (November 2014) in the DRSC meeting to the SP, Cuddalore to take steps to prevent fatal accidents in two black spots viz., Sethiathope Rajiv Gandhi Statue Junction and Sethiathope X Road, during joint physical verification by audit it was noticed that the junction was not manned by the Police, there were no signals and CCTV cameras in the former location and there was no warning board/sign board and speed breakers were not painted for visibility in the latter location.

Appendix 2.7
(Reference: Paragraph 2.2.5; Page 57)
Sampled ISM Institutions

Sl. No.	Name of the Institution	Number of institutions		Names of the sampled ISM institutions
		Available	Sampled	
1	Medical Colleges and attached Hospitals	6	5	Government Siddha MCH, Chennai Government Ayurvedic MCH, Nagercoil Government Yoga and Naturopathy MCH, Chennai Government Unani MCH, Chennai. Government Homoeopathy MCH, Thirumangalam
2	District Siddha Medical Officers (DSMO)	22	6	Dindigul, Erode, Thanjavur, The Nilgiris, Sivagangai and Vellore districts
3	ISM Wings in Govt. Hospitals (Medical College Hospitals (MCH), District Hqrs Hospitals (DHQH), Taluk/ Non-Taluk Hospitals (TK/NTK)	471	47	Dindigul - 09 Erode - 05 Thanjavur - 10 The Nilgiris - 04 Sivagangai - 08 Vellore - 11
4	ISM Wings in PHCs/ Dispensaries and AYUSH Wellness centres	1,014	53	Dindigul - 10 Erode - 09 Thanjavur - 07 The Nilgiris - 07 Sivagangai - 08 Vellore - 12

Appendix 2.8

(Reference: Paragraph 2.2.8.2(a); Page 65)

Non-provision of In-patient facilities in test-checked ISM wings

Sl.No.	Name of the Wing	System	District	Availability of IP facilities
1	TK Hospital, Anthiyur	Siddha	Erode	No
2	NTK Hospital, Kavindampadi	Siddha	Erode	No
3	TK. Hospital, Kodaikanal	Siddha	Dindigul	No
4	TK Hospital, Oddanchatram	Siddha	Dindigul	No
5	TK Hospital, Vedasandur	Siddha	Dindigul	No
6	NTK Hospital, Thandikudi	Siddha	Dindigul	No
7	TK Hospital, Ilayangudi	Siddha	Sivagangai	Yes
8	TK Hospital, Thirupuvanam	Siddha	Sivagangai	No
9	NTK Hospital, Poolankurichi	Siddha	Sivagangai	No
10	TK Hospital, Orathanadu	Siddha	Thanjavur	Yes
11	TK Hospital, Pattukottai	Y&N	Thanjavur	No
12	NTK Hospital, Adiramapattinam	Unani	Thanjavur	Yes
13	NTK Hospital, Tirupanandal	Siddha	Thanjavur	Yes
14	TK Hospital, Manjoor	Siddha	The Nilgiris	Yes
15	TK Hospital, Ambur	Siddha	Vellore	Yes
16	TK Hospital, Arakkonam	Homoeo	Vellore	Yes
17	TK Hospital, Arakkonam	Siddha	Vellore	Yes
18	TK Hospital, Arakkonam	Y&N	Vellore	No
19	NTK Hospital, Kalavai	Siddha	Vellore	No

TK: Taluk

NTK: Non-Taluk

Appendix 2.9

(Reference: Paragraph 2.2.8.2(c)(ii); Pages 66 and 67)

Details of equipment supplied/not-supplied/non-functioning in Siddha, Ayurveda and Unani Wings

District	Sl. No.	Name of the ISM wing			Treadmill		Decoction Vending machine		Steam Bath		Exercise Cycle	
					Supplied	Not functioning	Supplied	Not functioning	Supplied	Not functioning	Supplied	Not functioning
Dindigul	1	Ammaiyanaickanur	GPHC	Siddha	0	0	0	0	0	0	0	0
	2	Thadikombu	GPHC	Siddha	0	0	0	0	0	0	0	0
	3	Kosavapatti	GPHC	Siddha	0	0	0	0	0	0	0	0
	4	K. Pudukottai	NRHM PHC	Siddha	0	0	0	0	0	0	0	0
	5	Kallimanthayam	NRHM PHC	Siddha	0	0	1	1	1	0	1	0
	6	Poolathur	NRHM PHC	Siddha	0	0	1	1	1	1	1	1
	7	Sirunaickenpatti	NRHM PHC	Siddha	0	0	1	0	1	0	1	0
	8	Pilathu	NRHM PHC	Siddha	0	0	1	0	1	0	1	0
	9	Thandikudi	NTK.Hpl.	Siddha	0	0	0	0	0	0	0	0
	10	Kodaikanal	TK.Hpl.	Siddha	1	0	0	0	1	0	0	0
	11	Oddanchatram	TK.Hpl.	Siddha	1	1	0	0	1	0	1	0
	12	Vedasandur	TK.Hpl.	Siddha	1	1	0	0	1	1	1	0
	13	Dindigul	DHQH	Siddha	1	1	1	0	1	1	0	0
	14	Dindigul	DHQH	Ayurveda	0	0	0	0	0	0	0	0
		Total (A)	14		4	3	5	2	8	3	6	1
Erode	15	Muthur	GPHC	Ayurveda	1	1	1	0	1	1	0	0
	16	Kunnathur	GPHC	Siddha	0	0	0	0	0	0	0	0
	17	Siruvalur	GPHC	Siddha	0	0	0	0	0	0	0	0
	18	Chavadipalayam	GPHC	Siddha	0	0	0	0	0	0	0	0
	19	Modakurichi	GPHC	Siddha	0	0	0	0	0	0	0	0
	20	Nasiyanur	NRHM PHC	Siddha	0	0	1	0	1	0	1	0
	21	Vellode	NRHM PHC	Siddha	1	0	1	0	1	0	1	0
	22	Athani	NRHM PHC	Siddha	0	0	1	1	1	0	1	0
	23	Kavindapadi	NTK.Hpl.	Siddha	1	0	0	0	1	0	0	0
	24	Anthiyur	TK.Hpl.	Siddha	0	0	0	0	0	0	0	0
	25	Erode	DHQH	Siddha	1	0	0	0	1	0	1	0
		Total (B)	11		4	1	4	1	6	1	4	0

Audit Report (General and Social Sector), Tamil Nadu for the year ended March 2018

District	Sl. No.	Name of the ISM wing			Treadmill		Decoction Vending machine		Steam Bath		Exercise Cycle	
					Supplied	Not functioning	Supplied	Not functioning	Supplied	Not functioning	Supplied	Not functioning
Sivaganga	26	Idayamelur	NRHM PHC	Ayurveda	0	0	1	0	1	0	1	0
	27	Thiruvegampet	GPHC	Siddha	1	0	1	1	1	1	0	0
	28	Muthanendal	GPHC	Siddha	1	1	1	0	1	1	0	0
	29	Mallakottai	GPHC	Siddha	1	1	1	1	1	0	0	0
	30	Karuppur	G.S.RLDy.	Siddha	0	0	0	0	0	0	0	0
	31	Sooranam	NRHM PHC	Siddha	0	0	1	1	1	1	1	0
	32	Poolankurichi	NTK.Hpl.	Siddha	0	0	0	0	0	0	0	0
	33	Ilayangudi	TK.Hpl.	Siddha	1	1	0	0	1	1	1	0
	34	Thirupuvanam	TK.Hpl.	Siddha	1	0	1	1	1	0	0	0
	35	Sivangai	MCH	Siddha	1	1	1	1	1	1	0	0
	36	Karaikudi	DHQH	Siddha	1	1	0	0	1	1	1	1
			Total (C)	11		7	5	7	5	9	6	4
Thanjavur	37	Adiramapattinam	NTK.Hpl.	Unani	0	0	0	0	0	0	0	0
	38	Solapuram	NRHM PHC	Ayurveda	0	0	1	1	0	0	0	0
	39	Kabisthalam	GPHC	Siddha	1	1	1	1	1	1	0	0
	40	Murukkangudi	GPHC	Siddha	0	0	0	0	0	0	0	0
	41	Patteeswaram	GPHC	Siddha	1	1	1	0	1	0	0	0
	42	Pappanadu	GPHC	Siddha	1	1	1	1	1	1	0	0
	43	Madukkur	NRHM PHC	Siddha	0	0	1	0	0	0	0	0
	44	Tirupanandal	NTK.Hpl.	Siddha	0	0	0	0	0	0	0	0
	45	Orathanadu	TK.Hpl.	Siddha	0	0	0	0	0	0	0	0
	46	Thanjavur	MCH	Siddha	0	0	0	0	0	0	0	0
	47	Kumbakonam	DHQH	Siddha	1	1	0	0	1	1	0	0
	48	Kumbakonam	DHQH	Ayurveda	0	0	0	0	0	0	0	0
		Total (D)	12		4	4	5	3	4	3	0	0
The Nilgiris	49	Naduvattam	GPHC	Siddha	1	0	0	0	1	1	1	0
	50	Ketti	GPHC	Siddha	0	0	0	0	0	0	0	0
	51	Keramattam	GPHC	Siddha	0	0	0	0	0	0	0	0
	52	Kinnakorai	G.S.RLDy.	Siddha	0	0	0	0	0	0	0	0
	53	Manjoor	TK.Hpl.	Siddha	0	0	0	0	0	0	0	0
	54	Udhagamandalam	DHQH	Siddha	1	0	0	0	1	0	1	0
			Total (E)	6		2	0	0	0	2	1	2

District	Sl. No.	Name of the ISM wing			Treadmill		Decoction Vending machine		Steam Bath		Exercise Cycle	
					Supplied	Not functioning	Supplied	Not functioning	Supplied	Not functioning	Supplied	Not functioning
Vellore	55	Melkalathur	NRHM PHC	Ayurveda	0	0	0	0	0	0	0	0
	56	Lalapet	GPHC	Siddha	1	0	1	0	1	0	0	0
	57	Andiyappanur	GPHC	Siddha	1	1	1	1	1	1	0	0
	58	Banavaram	GPHC	Siddha	1	1	1	1	1	1	0	0
	59	Pudumadu	Tribal Dy.	Siddha	0	0	0	0	0	0	0	0
	60	Patchur	NRHM PHC	Siddha	0	0	1	1	1	0	1	0
	61	Ponnai	NRHM PHC	Siddha	0	0	1	0	1	0	1	0
	62	Kalavai	NTK.Hpl.	Siddha	0	0	0	0	1	1	0	0
	63	Ambur	TK.Hpl.	Siddha	1	0	0	0	1	0	1	1
	64	Arakonam	TK.Hpl.	Siddha	1	1	0	0	1	1	1	1
	65	Kaveripakkam	GPHC	Unani	0	0	0	0	0	0	0	0
	66	Ammoor	NRHM PHC	Unani	0	0	0	0	0	0	0	0
	67	Vellore	MCH	Siddha	1	1	0	0	1	1	0	0
	68	Vellore	MCH	Unani	0	0	0	0	0	0	0	0
	69	Walaja	DHQH	Siddha	1	1	0	0	0	0	1	0
		Total (F)	15		7	5	5	3	9	5	5	2
		Grand Total (A+B+C+D+E+F)	69		28	18	26	14	38	19	21	4

Appendix 2.10

(Reference: Paragraph 2.2.8.2 (c) (iii); Page 68)

Equipment supplied to non-functioning ISM Units in The Nilgiris District

Sl. No.	Name of the equipment	Name of the wings	Date of supply	Rate in ₹ and number	Total cost in ₹
1	Thokkanam Table with SS foot stepper	Kolacombai , Ambalamoola, Kattabettu, Kollappalli, Srimadurai, Nelakottai, Melurhosatty	30-11-2014	20,486 x 7	1,43,402
2	Examination table	Kolacombai , Melurhosatty , Kattbettu, Srimadurai, Kolappally, Ambalamoola ,Nelakottai, Kookalthorai.	30-11-2014	7,256 x 8	58,048
3	Decoction vending machine	Kolacombai, Melurhosatti, Kattbettu, Srimadurai, Kolappally, Ambalamoola	26-03-2014	58,905 x 6	3,53,430
4	Dhorni pot	Kolacombai, Melurhosatti, Kattbettu, Srimadurai, Kolappally, Ambalamoola	10-01-2015	5,040 x 6	30,240
5	Steam Bath sitting type (single person) and steam generator	Kolacombai, Melurhosatti, Kattbettu, Srimadurai, Kolappally, Ambalamoola	10-01-2015	56,385 x 6	3,38,310
6	Stethoscope, Thermometer, Infraphill lamp set, medicated steam inhaler	Kolacombai, Melurhosatty, Kattbettu, Srimadurai, Kolappally, Ambalamoola, Nelakottai, Kookalthorai.	19-02-2016	2,164.40 x 8	17,315
7	Computer /UPS	Kolacombai, Melurhosatty ,Kattabettu, Srimadurai, Kolappally, Ambalamoola, Kookalthorai, Nelakottai.	17-06-2015	49,316 x 8	3,94,528
8	R.O Plant	Kolacombai, Melurhosatti, Kattbettu,Srimadurai, Kolappally, Ambalamoola, Nelakottai	28-06-2017	30,450 x 7	2,13,150
Total cost					15,48,423

Appendix 2.11

(Reference: Paragraph 2.2.9.3; Page 70)

Shortage of manpower in ISM hospitals and ISM Wings (AMO/MO)

Sl. No.	Name of the Post	System	Regular/ Contract Pay	Number of posts		
				Sanctioned	Positioned	Vacant
1	Superintendent (AAGHIM)	Siddha	Regular	1	0	1
2	Hospital Superintendent (A)	Ayurveda	Regular	1	0	1
3	Medical Officer (S)	Siddha	Regular	15	1	14
4	Scrutinising Medical Officer (Siddha)	Siddha	Regular	1	0	1
5	RMO (A)	Ayurveda	Regular	1	1	0
6	Medical Officer (A)	Ayurveda	Regular	6	4	2
7	Medical Officer (U)	Unani	Regular	3	1	2
8	Scrutinising Medical Officer (Unani)	Unani	Regular	1	1	0
9	Medical Officer / RMO (Y & N)	Y & N	Regular	2	0	2
10	MO (Modern Medicine)		Regular	1	0	1
11	Clinical Pathologist		Regular	1	1	0
12	Bio-Chemist		Regular	1	1	0
13	Pathologist		Regular	2	0	2
14	Radiologist		Regular	2	2	0
15	AMO (S/A/U/H)*		Regular	965	941	24
16	Asst. Superintendent (H)	Homoeo	Regular	1	1	0
17	AMO (Y & N)	Y & N	Regular	90	39	51
18	DSMO	Siddha	Regular	22	13	9
Total				1,116	1,006	110 (10 per cent)

* S/A/U/H - Siddha/Ayurveda/Unani/Homoeopathy

Para medical & others in regular wings

Sl. No.	Name of the Post	Regular/ Contract Pay	Number of posts		
			Sanctioned	Positioned	Vacant
1	Nursing Superintendent Gr.II	Regular	7	7	0
2	Nurses	Regular	96	92	4
3	Nurses	Con.Pay	4	4	0
4	Chief Pharmacist (Siddha)	Regular	2	0	2
5	Pharmacy Supervisor (S/A/U)	Regular	5	0	5
6	Asst. in Pharmacy	Regular	4	0	4
7	Pharmacist** (S/A/U/H)	Regular	892	644	248
8	Nursing Therapist (Y & N)	Regular	4	4	0

** Vacancy percentage: Pharmacist (Siddha) - 22.1; Pharmacy (Ayurveda) - 71.7

Audit Report (General and Social Sector), Tamil Nadu for the year ended March 2018

Sl. No	Name of the Post	Regular/ Contract Pay	Number of posts		
			Sanctioned	Positioned	Vacant
9	Nursing Assistant (Male/Female)	Regular	80	8	72
10	Attendant/Attender/Women Servant	Regular	8	5	3
11	Anatomy Bearer/Stretcher Bearer	Regular	5	2	3
12	Waterman	Regular	5	3	2
13	Gate Peon	Regular	1	1	0
14	Barber	Regular	1	1	0
15	Sweeper/ Sweeper cum Water Women/ Sweeper cum Waterman	Regular	26	13	13
16	Gardener	Regular	2	1	1
17	Watchman	Regular	21	8	13
18	Sanitary Worker	Regular	52	20	32
19	Office Assistant	Regular	40	8	32
20	Lascar	Regular	14	6	8
21	Cook / Cook Matty/ Cook Attendant	Regular	14	6	8
22	Dhobi	Regular	7	5	2
23	Hospital Servant / Hospital Worker / Multipurpose Worker	Regular	639	400	239
24	Mortuary Attendant	Regular	2	1	1
25	Packer	Regular	1	1	0
26	Sweeper for Cleaning Vessels	Regular	4	0	4
27	Cleaner	Regular	3	1	2
28	Duffedar	Regular	1	0	1
29	Ambulance Van Attendant	Regular	2	1	1
30	Peon cum Waterman	Regular	1	0	1
31	Dispensary Attender		2	1	1
32	Hospital Worker (OS)	Out Sourcing	2	2	0
33	Watchman / Sweeper (OS)	at Texco	2	1	1
34	Sweeper	(Con. Pay)	5	5	0
35	Hospital Worker / Sanitary Worker	(Con. Pay)	11	10	1
36	Gardener	(Con. Pay)	4	4	0
37	Watchman	(Con. Pay)	2	2	0
38	Dhobi	(Con. Pay)	3	3	0
39	Cook	(Con. Pay)	2	2	0
40	Masseur (Male / Female)	(Con. Pay)	5	0	5
41	Lab Attendant / Attender	(Con. Pay)	5	5	0
42	Multipurpose Worker	Out Sourcing	9	9	0
Others—Hospital					
43	Scientific Officer (DTL)	Regular	2	0	2
44	Computer System Analyst cum Programmer	Regular	1	0	1

Sl. No.	Name of the Post	Regular/ Contract Pay	Number of posts		
			Sanctioned	Positioned	Vacant
45	Pharmacy Attendant	Regular	74	26	48
46	Plaster Technician	Regular	1	0	1
47	Therapeutic Assistant	Regular	203	115	88
48	A.N.M.	Regular	5	3	2
49	Radiographer	Regular	4	1	3
50	Masseur	Regular	32	20	12
51	Dark Room Assistant	Regular	3	0	3
52	X-Ray Attendant	Regular	2	0	2
53	Dispensary Servant (Con. Pay)	(Con. Pay)	19	2	17
54	Multipurpose Worker	(Con. Pay)	11	0	11
Total			2,352	1,453	899 (38 per cent)

Shortage of man power in NRHM Wings

Sl. No.	Name of the Post	Number of posts		
		Sanctioned	Positioned	Vacant
1	Consultant (S/A/H/Y&N)	475	354	121
2	Dispenser (S/A/U/H)	424	134	290
3	Therapeutic Assistant (M/F) (Y & N)	71	4	67
4	Multipurpose Worker	475	258	217
Total		1,445	750	695 (48 per cent)

Shortage of manpower in AYUSH Wellness clinic

Sl. No.	Name of the Post	Number of posts		
		Sanctioned	Positioned	Vacant
1	Doctor/Consultant (S/A/U/H/Y&N)	31	0	31
2	Therapeutic Assistant	34	0	34
3	Attender	26	0	26
Total		91	0	91 (Cent per cent)

Appendix 2.12

(Reference: Paragraph 2.2.9.4; Page 71)

Non-functioning of ISM Wings in test-checked districts due to non-posting of doctors

Sl.No	Name of the Wing	Wing	Date from which not functioning
The Nilgiris			
1	NRHM, C, Ambalmoola	Siddha	September 2013
2	NRHM, PHC, Kolapalli	Siddha	March 2011
3	NRHM, PHC, Kolacombai	Siddha	March 2011
4	NRHM, PHC, Melurhosatty	Siddha	March 2011
5	NRHM, PHC, Kottabettu	Siddha	March 2011
6	NRHM, PHC, Srimadurai	Siddha	March 2011
7	NRHM, PHC, Nedugula	Siddha	July 2011
8	NRHM, PHC, T.Oranalli	Siddha	September 2013
9	NRHM, PHC, Nilakottai	Unani	March 2011
10	NRHM, PHC, Kookalthurai	Homoeo	May 2011
11	NRHM, PHC, Bikkatty	Homoeo	July 2014
Thanjavur			
12	NRHM, PHC, Kuruvikarambai	Homoeo	March 2011
13	NRHM, PHC, Pandaravadai	Unani	May 2012
14	NRHM, PHC, Sillathur	Siddha	March 2012
DSMO, Vellore			
15	NRHM, PHC, Kallapadi	Siddha	November 2013
16	NRHM, PHC, Vilapakkam	Siddha	August 2015
17	NRHM, PHC, Ussoor	Unani	May 2017
18	NRHM, PHC, Minnal	Unani	September 2017
19	NRHM, PHC, Nowlack	Unani	August 2016
DSMO, Dindigul			
20	GPHC, Mannavanur	Siddha	February 2017
21	GPHC, Siluvathur	Ayurveda	October 2013
22	GPHC, Ayyalur	Ayurveda	March 2017
23	GPHC, Kosukurichi	Unani	May 2011
24	GPHC, Narasingapuram	Unani	2009
25	GPHC, Keeranur	Unani	2009
26	GPHC, Viralipatti	Unani	2009
27	Dt. Hqrs. Hospital, Dindigul	Unani	2010
DSMO, Sivaganga			
28	Govt. Taluk Hospital, Devakottai	Y&N	May 2017
29	NRHM PHC, Puzhuthipatti	Unani	April 2011
30	NRHM PHC, Idayamelur	Ayurveda	March 2016
31	NRHM PHC, Keelasevalpatti	Ayurveda	January 2013

Appendix 2.13
(Reference: Paragraph 2.2.10.4; Page 75)
Shortfall in drawing samples

Sl.No.	District	2013-14			2014-15			2015-16			2016-17			2017-18		
		Target	Samples drawn	Shortfall	Target	Samples drawn	Shortfall	Target	Samples drawn	Shortfall	Target	Samples drawn	Shortfall	Target	Samples drawn	Shortfall
1	Chennai	42	42	0	63	63	0	96	60	36	96	85	11	96	112	0
2	Cuddalore	42	33	9	63	63	0	96	82	14	96	64	32	96	84	12
3	Erode	42	42	0	63	65	0	96	79	17	96	96	0	96	110	0
4	Tiruppur	42	42	0	63	66	0	96	74	22	96	89	7	96	83	13
5	Kancheepuram	42	36	6	63	71	0	96	68	28	96	94	2	96	63	33
6	Tiruvannamalai	42	43	0	63	62	1	96	80	16	96	98	0	96	96	0
7	Tirunelveli	42	27	15	63	82	0	96	68	28	96	13	83	96	67	29
8	Vellore	42	36	6	63	75	0	96	48	48	96	83	13	96	55	41
9	Nilgiris	42	41	1	63	68	0	96	96	0	96	99	0	96	96	0
10	Dharmapuri	42	39	3	63	64	0	96	88	8	96	96	0	96	80	16
11	Nagapattinam	42	27	15	63	60	3	96	71	25	96	96	0	96	100	0
12	Virudhunagar	42	20	22	63	73	0	96	94	2	96	104	0	96	66	30
13	Pudukottai	42	27	15	63	61	2	96	82	14	96	25	71	96	47	49
14	Dindigul	42	37	5	63	68	0	96	96	0	96	96	0	96	93	3
15	Nagercoil	42	33	9	63	45	18	96	106	0	96	69	27	96	80	16
16	Periyakulam	42	34	8	63	54	9	96	84	12	96	32	64	96	98	0
17	Ramanathapuram	42	44	0	63	66	0	96	81	15	96	104	0	96	86	10
18	Salem	42	27	15	63	68	0	96	72	24	96	44	52	96	72	24
19	Sivagangai	42	39	3	63	36	27	96	108	0	96	91	5	96	99	0
20	Thanjavur	42	29	13	63	60	3	96	70	26	96	95	1	96	96	0
21	Thoothukudi	42	20	22	63	63	0	96	49	47	96	81	15	96	92	4
22	Trichy	42	27	15	63	53	10	96	104	0	96	87	9	96	89	7
23	Villupuram	42	41	1	63	68	0	96	40	56	96	86	10	96	81	15
	Total	966	786*	183	1,449	1,454*	73	2,208	1,800	438*	2,208	1,827*	402	2,208	1,945*	302

* Samples drawn differs from Table 2.32 at Page 75 due to drawal of multiple samples of same batch of product

Appendix 2.14
(Reference Paragraph 2.3.7.3; Page 89)

Leakage of revenue on account of non-receipt of Profession Tax from traders

Sl. No.	Name of the Municipality	Minimum of the slab per half year (in ₹)	2015-16		2016-17		2017-18	
			Number of Licences issued	Amount of Profession tax not levied (₹ in lakh)	Number of Licences issued	Amount of Profession tax not levied (₹ in lakh)	Number of Licences issued	Amount of Profession tax not levied (₹ in lakh)
1	Arcot	118	759	1.79	421	0.99	283	0.67
2	Gobichettipalayam	133	706	1.88	706	1.88	721	1.92
3	Karaikudi	100	1,578	3.16	1,101	2.20	838	1.68
4	Thirumangalam	120	973	2.34	1,010	2.42	1,042	2.50
5	Thiruvarur	130	134	0.35	310	0.81	214	0.56
6	Tirupathur	118	515	1.22	23	0.05	394	0.93
7	Walajapet	118	140	0.33	187	0.44	94	0.22
	Total		4,805	11.07	3,758	8.79	3,586	8.48

Appendix 2.15
(Reference Paragraph 2.3.9.1 (i); Page 107)

Pending requests received during September 2015 to January 2018
in the test-checked municipalities

Sl. No.	Name of the Municipality	Pending requests
1	Anakaputhur	276
2	Arakkonam	697
3	Arcot	1,513
4	Bhavani	1,665
5	Coonoor	478
6	Gobichettipalayam	352
7	Karaikudi	3,074
8	Kumbakonam	5,027
9	Mannargudi	2,644
10	Pallavapuram	8,263
11	Pammal	1,460
12	Thirumangalam	1,771
13	Thiruvarur	7,922
14	Tirupathur	3,452
15	Udhagamandalam	2,690
16	Walajapet	273
	Total	41,557

Appendix 2.16

(Reference Paragraph 2.3.9.1 (ii); Page 108)

Delay in delivery of municipal services

Sl. No.	Name of the Municipality	Property Tax Assessments			Water Connections		
		No. of requests received and closed	No. of requests closed within due dates	No. of request closed after due dates	No. of requests received and closed	No. of requests closed within due dates	No. of request closed after due dates
1	Anakaputhur	861	696	165	348	21	327
2	Arakkonam	130	31	99	0	0	0
3	Arcot	410	273	137	173	60	113
4	Bhavani	126	49	77	0	0	0
5	Coonoor	426	381	45	10	1	9
6	Gobichettipalayam	474	269	205	143	128	15
7	Karaikudi	1,690	221	1,469	819	19	800
8	Kumbakonam	1,737	621	1,116	259	10	249
9	Mannargudi	2,238	2,056	182	797	397	400
10	Pallavapuram	4,488	1,160	3,328	1,523	1,263	260
11	Pammal	1,432	900	532	338	13	325
12	Thirumangalam	728	210	518	154	0	154
13	Thiruvarur	926	222	704	150	14	136
14	Tirupathur	428	383	45	0	0	0
15	Udhagamandalam	961	312	649	48	7	41
16	Walajapet	54	41	13	27	2	25
	Total	17,109	7,825	9,284	4,789	1,935	2,854

Appendix 2.17

(Reference Paragraph 2.3.9.2 (i); Page 108)

Arrears of Profession Tax in the test-checked municipalities

Sl. No.	Name of the Municipality	No. of Assessments	Amount (₹ in lakh)
1	Anakaputhur	329	3.44
2	Arakkonam	3,706	153.47
3	Arcot	1,263	28.77
4	Bhavani	687	10.49
5	Coonoor	767	22.35
6	Gobichettipalayam	521	5.57
7	Karaikudi	3,649	52.05
8	Kumbakonam	2,634	110.87
9	Mannargudi	1,651	37.25
10	Pallavapuram	2,876	77.65
11	Pammal	834	36.84
12	Thirumangalam	1,269	23.05
13	Thiruvarur	1,740	46.34
14	Tirupathur	3,292	54.93
15	Udhagamandalam	653	11.51
16	Walajapet	357	9.57
	Total	26,228	684.15 or 6.84 crore

Appendix 2.18

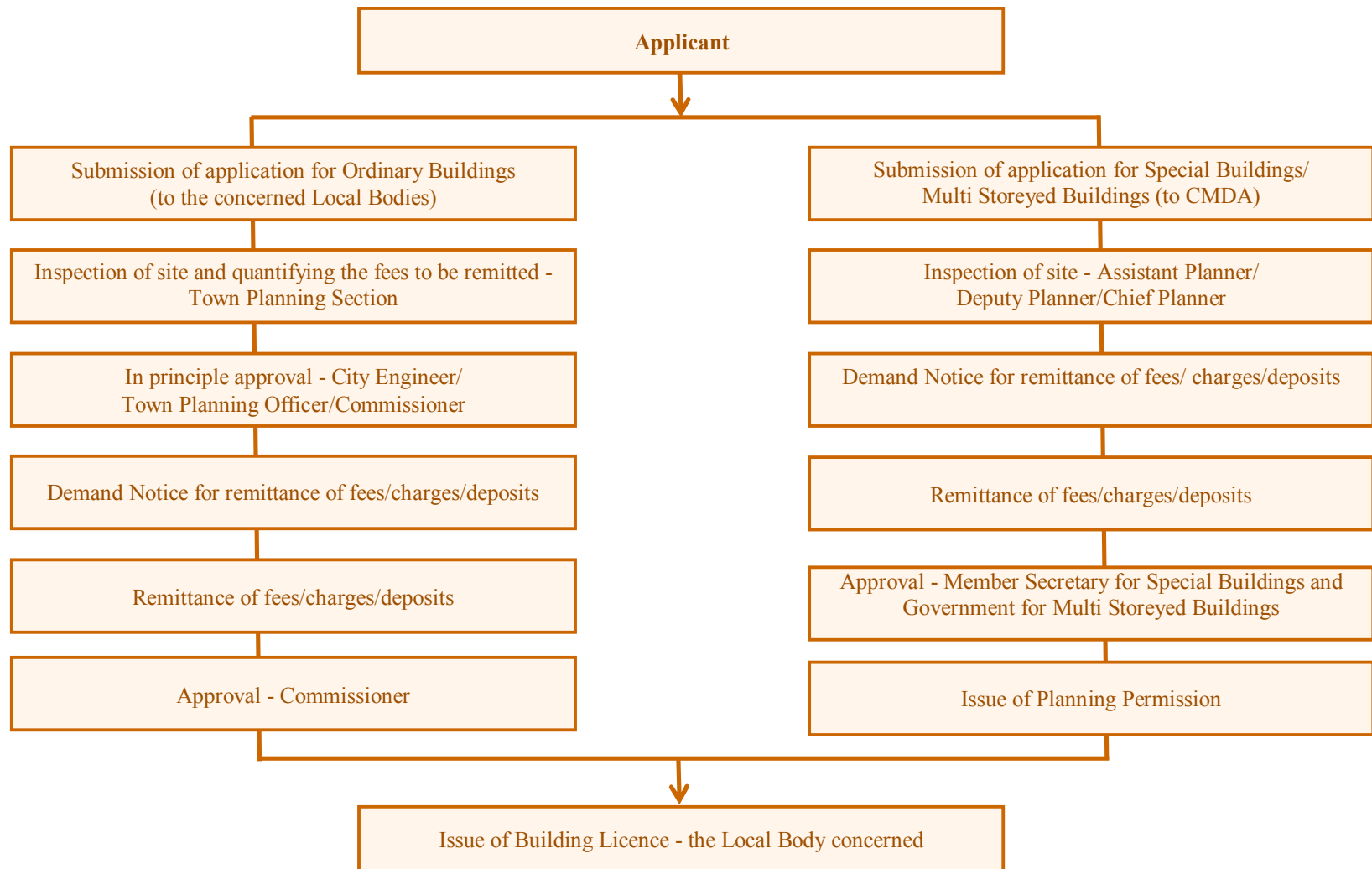
(Reference Paragraph 2.3.9.2 (iv); Page 109)

Non-tax arrears in the test-checked municipalities

Sl. No.	Name of the Municipality	Period	Amount (₹ in lakh)
1	Anakaputhur	2017-18	2.42
2	Arakkonam	2015-16 to 2017-18	9.57
3	Arcot	2015-16 to 2017-18	17.97
4	Bhavani	2016-17 to 2017-18	1.35
5	Coonoor	2015-16 to 2017-18	5.97
6	Gobichettipalayam	2016-17 to 2017-18	3.32
7	Karaikudi	2013-14 to 2017-18	351.47
8	Kumbakonam	2013-14 to 2017-18	158.41
9	Mannargudi	2014-15 to 2017-18	11.12
10	Pallavapuram	2015-16 to 2017-18	20.32
11	Thirumangalam	2013-14 to 2017-18	5.78
12	Thiruvarur	2013-14 to 2017-18	22.20
13	Tirupathur	2014-15 to 2017-18	100.78
14	Udhagamandalam	2013-14 to 2017-18	2,073.56
15	Walajapet	2015-16 to 2017-18	9.05
	Total		2,793.29 or 27.93 crore

**Appendix 2.19
(Reference Paragraph 2.4.1; Page 112)**

Statement showing the workflow of planning permission



Appendix 2.20

(Reference Paragraph 2.4.6.1; Page 115)

Property Tax assessment details

Sl. No.	Name of the local body	Number of floors	Number of buildings with 3 to 5 floors assessed for Property Tax	Number of buildings out of Col.(4) assessed for Property Tax without planning permission from CMDA	Percentage (5)/(4)*100
(1)	(2)	(3)	(4)	(5)	(6)
1	GCC				
	Zone V	3,4 and 5	704	640 buildings in 360 streets	91
	Zone X	3,4 and 5	642	325 buildings in 243 streets	51
	Zone XI	3,4 and 5	607	433 buildings in 301 streets	71
	Zone XV	3,4 and 5	484	331 buildings in 178 streets	68
	Total			2,437	1,729 buildings in 1,082 streets
2	Pallavapuram Municipality	3,4 and 5	188	156 buildings in 22 streets	83
3	Poonamallee Municipality	4 and 5	10	8 buildings in 6 streets	80
	Total		198	164 buildings in 28 streets	

CMDA-Chennai Metropolitan Development Authority;
GCC - Greater Chennai Corporation

Appendix 2.21

(Reference Paragraph 2.4.6.2; Page 116)

Violations in planning permissions issued by local bodies

Sl. No.	Name of the test-checked local body	Number of planning permissions for ordinary buildings		
		Test-checked	with violations	
			Floor area exceeding 300 sq.m.	Floor area exceeding permissible limit in second floor
1	Zone V of GCC	161	21	0
2	Zone X of GCC	278	14	9
3	Zone XI of GCC	267	24	16
4	Zone XV of GCC	208	34	12
5	Pallavapuram Municipality	341	18	57
6	Poonamallee Municipality	67	0	2
7	Madambakkam Town Panchayat	150	18	30
8	Perungalathur Town Panchayat	100	9	12
9	Thirunindravur Town Panchayat	67	1	0
10	Puzhal Panchayat Union	21	0	0
11	St Thomas Mount Panchayat Union	856	63	93
12	Tiruvallur Panchayat Union	19	2	0
	Total	2,535	204	231

GCC - Greater Chennai Corporation

Appendix 2.22

(Reference Paragraphs 2.4.7.1 and 2.4.7.2; Pages 118 and 119)

**Collection of and disbursement of Development Charges and Open Space Reservation Charges
in Chennai Metropolitan Area during 2013-18**

(₹ in crore)

Category of local bodies	Development Charges				Open Space Reservation Charges			
	Collected	To be released	Released	Balance	Collected	To be released	Released	Balance
Greater Chennai Corporation	50.61	37.96	30.65	7.31	333.42	250.06	234.50	15.56
Municipalities	7.22	5.42	3.37	2.05	70.60	52.95	31.57	21.38
Town Panchayats	2.68	2.01	0.60	1.41	22.03	16.52	4.49	12.03
Panchayat Unions	*4.08	3.05	0	3.05	*58.87	44.15	0	44.15
Total	64.59	48.44	34.62	13.82	484.92	363.68	270.56	93.12

* Amount collected for the period 2016-18 not furnished by CMDA

Appendix 2.23

(Reference Paragraph 2.4.7.2 (i); Page 119)

Collection of OSR charges in lieu of provision of OSR land

Sl. No.	Planning permission number and date	Type of building	Frontage (in metre)	Total extent of land	Extent of OSR land for which OSR charges collected	OSR charges collected
					(in sq.m.)	(₹ in crore)
1	7806 - 07/02/2013	SB	79.52	4,628.58	367.56	0.38
2	7198 - 21/06/2013	MSB	64.40	4,085.84	258.00	2.78
3	8110 -16/08/2013	MSB	91.00	9,769.00	677.00	1.46
4	8390 -18/11/2013	SB	102.95	5,178.52	125.00	0.20
5	8141 - 31/12/2013	MSB	85.60	9,984.57	698.46	6.45
6	8181 - 29/10/2014	MSB	81.30	5,638.18	263.82	1.28
7	9122 - 13/05/2015	SB	72.60	8,046.79	507.00	2.18
8	9024 - 10/08/2015	MSB	62.10	7,530.00	453.00	1.95
9	9061 - 11/03/2016	MSB	55.21	5,915.74	291.74	1.82
10	9071- 10/05/2016	MSB	46.65	5,320.34	532.03	2.00
11	9077 - 26/05/2016	MSB	57.90	5,709.55	264.73	5.70
12	11118 - 08/12/2016	MSB	83.20	8,465.12	846.51	3.19
13	11333 - 24/03/2017	SB	42.91	4,183.87	119.38	2.06
Total						31.45

OSR - Open Space Reservation; SB - Special building; MSB - Multi-storeyed building

Appendix 2.24

(Reference Paragraph 2.4.7.2 (iii); Page 120)

**Non-transfer of gift deeds of OSR land to local bodies in
test-checked planning permissions**

Sl. No.	Planning Permission Number and date	Plot Area	Extent of OSR land	Date of gift deed
		(in sq. m.)		
1	8624 - 14/02/2014	11,850.94	1,162.57	02/01/2014
2	8169 - 29/05/2014	14,665.07	1,490.16	10/04/2014
3	8173 - 12/06/2014	30,604.55	3,098.86	02/05/2014
4	9244 - 09/09/2015	24,389.46	2,460.00	03/08/2015
5	9413 - 19/11/2015	22,014.72	1,869.85	25/05/2015
6	9433 - 22/12/2015	22,520.44	2,026.45	14/10/2015
7	9584 - 06/07/2016	4,728.84	473.60	07/03/2016
8	11203 - 18/11/2016	1,36,663.50	12,724.42	05/11/2015
9	11297 - 20/02/2017	46,050.00	4,810.63	10/01/2017
10	11326 - 18/03/2017	19,296.39	1,945.71	06/01/2017
11	11622 - 06/10/2017	22,024.00	2,231.51	28/08/2017
12	11342 - 03/04/2017	43,228.59	4,987.57	25/01/2017
13	11472 - 11/08/2017	45,827.54	4,281.50	15/06/3017
14	11606 - 22/09/2017	14,961.23	2,314.23	28/07/2017

OSR - Open Space Reservation

Appendix 2.25

(Reference Paragraph 2.4.8; Page 120)

Details of Floor Space Index and Premium Floor Space Index
for various types of buildings

Type of building and DR provision	Category	Floor Space Index	Premium Floor Space Index DR 36		
			At 20 per cent for road width of 9 m to less than 12 m	At 30 per cent for road width of 12 m to less than 18 m	At 40 per cent for road width of 18 m and above
Ordinary building DR 25 (1) E	-	1.50	-	-	-
Special building DR 26 (Table-A)	-	1.50	1.80	1.95	2.10
Group Development DR 27 (3) D	-	1.50	1.80	1.95	2.10
MSB for Residential building DR 28 (2) D	I (a)	1.50	1.80	1.95	2.10
	I (b)	1.75	2.10	2.27	2.45
	II and III	2.50	3.00	3.25	3.50
		2.25	2.70	2.92	3.15
	2.00	2.40	2.60	2.80	
MSB Other Developments DR 28 (2) D	I (a)	1.50	1.80	1.95	2.10
	I (b)	1.75	2.10	2.27	2.45
	II and III	2.50	3.00	3.25	3.50
		2.25	2.70	2.92	3.15
		2.00	2.40	2.60	2.80

DR - Development Regulations; MSB - Multi-storeyed building

Appendix 2.26

(Reference: Paragraphs 2.4.8(i)(a), 2.4.8(i)(b), 2.4.8(ii)(a), 2.4.8(ii)(b), 2.4.8(ii)(c) and 2.4.8(ii)(d); Pages 122, 123, 124 and 125)

Incorrect assessment of Floor Space Index

Sl.No.	Planning Permit number and date	Excess FSI*	Proportionate land for excess FSI** (in sq.ft)	Guideline value per sq.ft (in ₹)	Value of proportionate land Col.4 x Col.5 (₹ in crore)
(1)	(2)	(3)	(4)	(5)	(6)
1	7200 - 28/06/2013	0.60	83,070.01	2,750	22.84
2	8121 - 26/09/2013	0.06	14,508.15	1,500	2.18
3	9020 - 10/07/2015	0.15	38,122.64	2,000	7.62
4	9413 - 20/11/2015	0.10	14,730.43	2,200	3.24
5	9094 - 30/08/2016	0.10	23,132.14	6,500	15.04
6	9097 - 09/09/2016	0.29	40,059.18	4,000	16.02
Total					66.94

FSI - Floor Space Index; Sq.ft - Square foot

* Excess FSI = FSI to be adopted - Adopted FSI

** Proportionate Land = [Plot area in sq.m.(excluding gifted portion) x Excess FSI]/ Normal FSI x Conversion factor of 10.764

Appendix 2.27

(Reference Paragraph 2.4.9.1; Page 126)

Inadequate parking facilities

Sl. No.	Planning Permit number and date	Type of building	Building area	Parking required		Parking provided		Shortage in provision of parking	
			FSI Area	Car	Two wheeler	Car	Two wheeler	Car	Two wheeler
			(in sq.m.)	(in numbers)					
1	7804 08/02/2013	SB-Commercial	1,519.52	33	33	22	68	11	0
2	7849 04/03/2013	SB-Residential	4,282.17	41	25	20	92	21	0
3	7198 21/06/2013	MSB -Commercial	12,398.19	247	247	201	217	46	30
4	7199 10/07/2013	MSB-Commercial/ Residential	26,535.29	459	372	394	518	65	0
5	8115 29/08/2013	MSB- Information Technology	1,60,674.41	3,214	6,427	2,702	5,738	512	689
6	8137 27/12/2013	MSB -Commercial	4,791.32	53	211	42	161	11	50
7	8141 31/12/2013	MSB- Commercial/ Residential	28,262.81	562	555	437	437	125	118
8	8182 05/11/2014	MSB- Information Technology	1,58,143.91	3,124	6,300	2,414	4,614	710	1,686
9	8183 15/11/2014	MSB- Information Technology	7,267.54	145	291	110	220	35	71
10	9011 15/04/2015	MSB-Office	8,386.18	91	368	70	283	21	85
11	9061 11/03/2016	MSB- Commercial	15,201.36	303	303	249	622	54	0
12	9536 02/05/2016	SB -Commercial	7,324.98	79	322	61	244	18	78
13	9622 26/09/2016	SB -Commercial	4,080.05	82	164	68	135	14	29
14	11132 20/02/2017	MSB- Commercial/ Residential	1,78,627.84	3,046	2,280	2,483	1,798	563	482
15	11138 17/03/2017	MSB- Hospital	11,936.77	159	159	120	121	39	38
16	11333 24/03/2017	SB -Office/ Commercial	6,206.50	198	206	108	141	90	65
17	11148 12/04/2017	MSB- Information Technology	82,887.09	1,661	3,323	1,255	2,530	406	793
18	11151 11/05/2017	MSB-Commercial/ Residential	38,245.55	408	398	385	366	23	32
Total				13,905	21,251	11,141	17,005	2,764	4,246

FSI - Floor Space Index; SB - Special building; MSB - Multi-storeyed building

Note: Total of two wheeler parking required and provided was calculated where there was shortfall.

Appendix 2.28

(Reference Paragraph 2.4.10.2; Page 129)

Delay in conduct of site visit and issue of building licences by Greater Chennai Corporation

Delay in conduct of site visit	Zone V		Zone X		Zone XI		Zone XV		Total number of applications
	Applications (In numbers)	Delay in issue of building licence	Applications (In numbers)	Delay in issue of building licence	Applications (In numbers)	Delay in issue of building licence	Applications (In numbers)	Delay in issue of building licence	
1 to 15 days	432	21 to 438 days	489	18 to 558 days	342	18 to 365 days	368	16 to 620 days	1,631
16 to 30 days	174	36 to 358 days	60	32 to 278 days	52	31 to 264 days	70	35 to 190 days	356
31 to 60 days	112	47 to 454 days	19	74 to 147 days	39	55 to 246 days	26	49 to 344 days	196
61 to 90 days	16	94 to 247 days	7	101 to 153 days	4	131 to 217 days	9	101 to 211 days	36
91 to 339 days	9	135 to 322 days	3	155 to 385 days	Nil	Nil	4	132 to 247 days	16
Total	743		578		437		477		2,235

Appendix 2.29

(Reference Paragraph 2.4.10.3; Page 130)

Environment Clearance obtained after issue of Planning Permission

Sl. No.	Planning Permit number	Date of Planning Permit approval	Date of application for Environment Clearance	Date of issue of Environment Clearance	Planning permits issued before Environment Clearance (Number of days)
1	7171	24/01/2013	07/06/2013	01/06/2018	1,954
2	7176	18/02/2013	04/02/2013	01/06/2013	103
3	7834	25/02/2013	17/07/2012	01/04/2013	35
4	7178	01/03/2013	05/04/2013	01/06/2013	92
5	7183	14/03/2013	07/08/2013	09/04/2014	391
6	7918	08/05/2013	29/09/2011	01/07/2013	54
7	7950	31/05/2013	13/06/2014	30/03/2015	668
8	7200	26/06/2013	01/03/2013	01/09/2013	159
9	8235	19/07/2013	07/06/2013	06/02/2014	202
10	8256	05/08/2013	26/07/2013	01/02/2016	910
11	8265	16/08/2013	29/10/2013	21/04/2014	248
12	8279	26/08/2013	06/01/2014	01/07/2017	1,405
13	8118	03/09/2013	10/09/2012	06/02/2014	156
14	8122	04/10/2013	12/03/2013	09/04/2014	187
15	8131	06/12/2013	02/01/2014	10/04/2014	125
16	8133	16/12/2013	10/12/2013	30/04/2014	135
17	8558	20/12/2013	03/09/2013	01/04/2015	467
18	8146	13/02/2014	29/10/2013	28/11/2014	288
19	8152	07/03/2014	25/11/2013	18/03/2014	11
20	8657	11/03/2014	22/01/2014	20/03/2014	9
21	8154	12/03/2014	02/01/2014	21/04/2014	40
22	8717	29/04/2014	28/01/2014	30/04/2014	1
23	8741	19/05/2014	26/02/2014	02/06/2014	14
24	8762	28/05/2014	20/03/2014	18/12/2014	204
25	8443	09/12/2014	13/11/2014	23/12/2014	14
26	9025	06/01/2015	10/12/2014	01/04/2015	85
27	8935	18/02/2015	28/07/2014	18/03/2015	28
28	8975	24/03/2015	09/01/2015	01/04/2015	8
29	9193	17/07/2015	12/03/2015	02/11/2015	108
30	8522	12/04/2016	18/02/2015	01/08/2016	111
31	11392	11/05/2017	09/06/2017	01/07/2017	51

Appendix 2.30

(Reference Paragraph 2.4.11.5; Page 134)

Construction commenced before issue of Planning Permission

Sl. No.	Planning Permit number and date	Type of building	Total built up area in sq.m.	Number of dwelling units in case of residential building	Stage of construction as on the date of issue of Planning Permission
1	7190 09/05/2013	MSB residential	2,58,810	7,440	Structurally completed
2	8160 03/04/2014	MSB Hospital/ Institutional	44,252.27	--	Additional construction - partially completed
3	8182 03/11/2014	MSB/Information Technology	2,66,030.61	--	Structurally completed
4	8891 31/12/2014	SB residential	1,863.12	12	Structurally completed
5	9033 01/10/2015	MSB residential	7,96,234.14	20,274	Structurally completed
6	9297 29/10/2015	MSB residential	2,02,600.00	8,048	Construction of blocks in various stages
7	9087 29/07/2016	MSB residential	3,525.67	16	Structurally completed
8	9094 30/08/2016	MSB residential	1,89,763.85	1,188	Two blocks structurally completed
9	11153 22/06/2017	MSB residential	1,45,855.32	1,500	Completed and ready for occupation

SB - Special building; MSB - Multi-storeyed building

Appendix 3.1
(Reference: Paragraph 3.1.1; Page 140)

Selected Implementing Units

District	Municipality	Town Panchayats	Panchayat Unions	Village Panchayats
Dharmapuri	Dharmapuri	Harur	Harur	Achalvadi
		Kadathur		Kongavembu
		Pennagaram		Chellampatti
				Veppampatti
			Pappireddipatti	Manjavadi
				Pattukonampatti
Krishnagiri	-	Kelamangalam	Bargur	Anchoor
		Uthangarai		Balinayanapalli
				Guttur
				Sigaralapalli
			Uthangarai	Chandrapatti
				Gengabirampatti
				Karumandapathi
				Thiruvanapatti
			Veppanapalli	Chennasandiram
				Samanthamalai
	Sigaramaganapalli			

Appendix 3.2

(Reference: Paragraph 3.1.3.1; Page 142)

Supply of Hogenakkal water to local bodies served by pumping mains and gravity mains

Sl. No.	Name of the Local body	Population as per 2011 census	Demand quantity for 2011 census (in mld)	Supply (in mld)			Average quantity supplied during 2015-18	Shortfall/ excess during 2015-18 (mld)	Shortfall/ excess during 2015-18 (in per cent)
				2015-16	2016-17	2017-18			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) (cols. 8 - 4)	(10)
Pumping mains									
1	Krishnagiri Municipality	72,000	2.22	3.87	3.11	2.69	3.22	1.00	45.05
2	Hosur Municipality	2,44,518	16.23	9.27	9.50	9.19	9.32	(-) 6.91	(-) 42.58
3	Karimangalam TP	15,635	0.49	0.43	0.39	0.33	0.38	(-) 0.11	(-) 22.45
4	Marandahalli TP	12,811	0.57	0.52	0.52	0.51	0.52	(-) 0.05	(-) 8.77
5	Palacode TP	20,645	0.53	0.62	0.67	0.63	0.64	0.11	20.75
6	Bargur TP	16,625	0.83	0.18	0.50	0.55	0.41	(-) 0.42	(-) 50.60
7	Kaveripattinam TP	15,000	0.34	1.08	0.59	0.42	0.70	0.36	105.88
8	Nagojanahalli TP	9,804	0.37	0.41	0.39	0.31	0.37	0.00	0
9	Kelamangalam TP	13,294	0.64	0.85	0.88	0.70	0.81	0.17	26.56
10	Denkanikottai TP	25,000	1.01	0.70	0.69	0.59	0.66	(-) 0.35	(-) 34.65
11	Palacode PU	1,56,117	5.29	4.97	5.15	4.48	4.87	(-) 0.42	(-) 7.94
12	Karimangalam PU	1,43,451	4.87	4.35	4.80	4.39	4.51	(-) 0.36	(-) 7.39
13	Bargur PU	1,91,483	6.51	1.78	5.22	5.37	4.12	(-) 2.39	(-) 36.71
14	Krishnagiri PU	1,54,441	5.52	2.69	3.78	3.43	3.30	(-) 2.22	(-) 40.22
15	Kaveripattinam PU	1,69,252	5.66	6.66	5.99	5.10	5.92	0.26	4.59
16	Veppanapalli PU	94,483	3.29	2.81	3.68	2.91	3.13	(-) 0.16	(-) 4.86
17	Kelamangalam PU	1,28,884	4.45	3.60	3.30	2.72	3.21	(-) 1.24	(-) 27.87
18	Thally PU	1,81,017	6.09	4.77	4.48	3.95	4.40	(-) 1.69	(-) 27.75
19	Shoolagiri PU	1,77,900	5.99	3.29	3.80	3.79	3.63	(-) 2.36	(-) 39.40
20	Hosur PU	1,16,388	3.51	2.86	3.01	2.58	2.82	(-) 0.69	(-) 19.66
Total			74.41				56.94	(-) 17.47	(-) 23.48

Sl. No.	Name of the Local body	Population as per 2011 census	Demand quantity for 2011 census (in mld)	Supply (in mld)			Average quantity supplied during 2015-18	Shortfall/ excess during 2015-18 (mld)	Shortfall/ excess during 2015-18 (in per cent)
				2015-16	2016-17	2017-18			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) (cols. 8 - 4)	(10)
Gravity mains									
1	Dharmapuri Municipality	68,595	4.98	5.05	4.99	3.63	4.56	(-) 0.42	(-) 8.43
2	B. Mallapuram TP	12,711	0.32	0.36	0.37	0.33	0.35	0.03	9.37
3	Harur TP	25,640	1.13	0.96	1.02	0.95	0.98	(-) 0.15	(-) 13.27
4	Kadathur TP	11,380	0.48	0.50	0.49	0.42	0.47	(-) 0.01	(-) 2.08
5	Kambainallur TP	12,586	0.41	0.43	0.43	0.40	0.42	0.01	2.44
6	Pappireddipatti TP	9,374	0.23	0.26	0.28	0.22	0.25	0.02	8.7
7	Pennagaram TP	16,892	0.78	0.65	0.66	0.63	0.65	(-) 0.13	(-) 16.67
8	Papparapatti TP	12,555	0.58	0.55	0.62	0.59	0.59	0.01	1.72
9	Uthangarai TP	18,468	0.79	0.87	0.81	0.80	0.83	0.04	5.06
10	Morappur PU	1,51,495	5.14	5.12	5.35	4.70	5.06	(-) 0.08	(-) 1.56
11	Harur PU	1,65,291	5.59	4.75	5.25	5.00	5.00	(-) 0.59	(-) 10.55
12	Pappireddipatti PU	96,448	3.30	2.73	2.57	2.31	2.54	(-) 0.76	(-) 23.03
13	Pennagaram PU	2,05,199	7.07	5.89	6.64	6.87	6.47	(-) 0.60	(-) 8.49
14	Nallampalli PU	1,90,535	6.38	6.69	6.68	5.83	6.40	0.02	0.31
15	Dharmapuri PU	1,81,994	6.40	6.86	5.61	5.23	5.90	(-) 0.50	(-) 7.81
16	Mathur PU	1,07,520	3.65	4.17	3.97	3.83	3.99	0.34	9.32
17	Uthangarai PU	1,44,375	4.90	4.80	4.96	4.80	4.85	(-) 0.05	(-) 1.02
	Total		52.13				49.31	(-) 2.82	(-) 5.41

Appendix 3.3

(Reference: Paragraph 3.1.5.1; Page 148)

Statement showing the excess payment due to adoption of new rates for additional quantities

Description of pipes (Size in mm)		Agreement quantity (m)	Executed quantity (m)	Difference in executed quantity (In per cent) Excess (+) Shortfall (-)	Quantity executed at higher rates (m)	Higher rate adopted per metre (In ₹)	Agreement rate to be adopted per metre after discount of 10.835 per cent (In ₹)	Difference in rate per metre (In ₹)	In-admissible payment (In ₹)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9) (7) - (8)	(10) (6) x (9)
DI K7	450	15,930	15,931.43	(+) 0.009	212	5,328	3,815.37	1,512.63	3,20,677.56
DI K7	250	12,880	12,854.52	(-) 0.2	750	2,443	1,719.99	723.01	5,42,257.50
DI K7	150	65,533	64,901.09	(-) 1	354	1,436	1,028.07	407.93	1,44,407.22
DI K7	100	84,155	81,453.34	(-) 3.21	11,253	971	694.60	276.40	31,10,329.20
DI K9	350	17,065	17,064.99	(-) 0.00006	1,015	4,514	3,209.94	1,304.06	13,23,620.90
DI K9	300	32,590	32,590.25	(+) 0.0008	680	3,733	2,585.78	1,147.22	7,80,109.60
DI K9	250	49,360	49,363.77	(+) 0.008	315	2,952	2,040.99	911.01	2,86,968.15
DI K9	150	53,556	54,466.86	(-) 1.7	1,110	1,624	1,200.16	423.84	4,70,462.40
HDPE	280	15,670	15,670.61	(+) 0.004	666	1,850	987.06	862.94	5,74,718.04
HDPE	125	5,260	5,205.97	(-) 1.03	1,546	440	193.49	246.51	3,81,104.46
HDPE	63	16,11,842	16,53,446.00	(+) 2.58	1,09,457	104	49.93	54.07	59,18,339.99
Total									1,38,52,995.02

Appendix 3.4

(Reference: Paragraph 3.1.5.2; Page 148)

Statement showing the avoidable expenditure due to provision of separate item for jointing DI pipes

Package No.	Item	Jointing			Conveying and laying			Total (₹)	Rate quoted in feeder mains/ transmission mains for conveying laying and jointing per metre (₹)	Payment to be made as per rate adopted for feeder mains (₹)	Avoidable payment (₹)
		Quantity	Rate per joint (₹)	Amount (₹)	Quantity (m)	Rate (₹)	Amount (₹)				
(1)	(2)	(3)	(4)	(5) (3) x (4)	(6)	(7)	(8) (6) x (7)	(9) (5) + (8)	(10)	(11)	(12) (9) - (11)
III	DI 100 mm	36,599.00	27.00	9,88,173.00	1,93,563.51	14.00	27,09,889.14	36,98,062.14	14.00	27,09,889.14	9,88,173.00
	DI 150 mm	5,978.00	35.00	2,09,230.00	35,531.50	22.00	7,81,693.00	9,90,923.00	22.00	7,81,693.00	2,09,230.00
	DI 200 mm	4,791.00	46.00	2,20,386.00	26,766.95	23.00	6,15,639.85	8,36,025.85	22.00	5,88,872.90	2,47,152.95
	DI 250 mm	4,288.00	64.00	2,74,432.00	27,034.05	39.00	10,54,327.95	13,28,759.95	41.00	11,08,396.05	2,20,363.90
	DI 300 mm	1,061.00	77.00	81,697.00	5,642.50	41.00	2,31,342.50	3,13,039.50	41.00	2,31,342.50	81,697.00
	DI 350 mm	886.00	84.00	74,424.00	4,904.20	44.00	2,15,784.80	2,90,208.80	41.00	2,01,072.20	89,136.60
	DI 400 mm	91.00	93.00	8,463.00	459.43	48.00	22,052.64	30,515.64	48.00	22,052.64	8,463.00
	DI 450 mm	1,683.00	104.00	1,75,032.00	10,643.35	52.00	5,53,454.20	7,28,486.20	52.00	5,53,454.20	1,75,032.00
IV	DI 100 mm	57,062.00	106.00	60,48,572.00	3,04,836.31	18.00	54,87,053.58	115,35,625.58	29.00	88,40,252.99	26,95,372.59
	DI 150 mm	30,528.00	133.00	40,60,224.00	1,66,018.44	22.00	36,52,405.68	77,12,629.68	44.00	73,04,811.36	4,07,818.32
	DI 200 mm	12,494.00	167.00	20,86,498.00	67,354.36	28.00	18,85,922.08	39,72,420.08	58.00	39,06,552.88	65,867.20
	DI 250 mm	11,878.00	226.00	26,84,428.00	60,287.77	38.00	22,90,935.26	49,75,363.26	73.00	44,01,007.21	5,74,356.05
	DI 300 mm	2,677.00	260.00	6,96,020.00	15,017.35	43.00	6,45,746.05	13,41,766.05	87.00	13,06,509.45	35,256.60
	DI 350 mm	8,839.00	306.00	27,04,734.00	42,203.62	51.00	21,52,384.62	48,57,118.62	102.00	43,04,769.24	5,52,349.38
	DI 400 mm	4,624.00	369.00	17,06,256.00	26,111.34	62.00	16,18,903.08	33,25,159.08	116.00	30,28,915.44	2,96,243.64
	DI 450 mm	2,690.00	426.00	11,45,940.00	14,813.43	71.00	10,51,753.53	21,97,693.53	131.00	19,40,559.33	2,57,134.20
	DI 500 mm	2,150.00	495.00	10,64,250.00	12,403.69	82.00	10,17,102.58	20,81,352.58	145.00	17,98,535.05	2,82,817.53
V	DI 100 mm	43,449.00	27.00	11,73,123.00	2,40,002.50	9.00	21,60,022.50	33,33,145.50	9.00	21,60,022.50	11,73,123.00
	DI 150 mm	22,393.00	35.00	7,83,755.00	1,17,510.18	14.00	16,45,142.52	24,28,897.52	14.00	16,45,142.52	7,83,755.00
	DI 200 mm	10,292.20	46.00	4,73,441.20	54,001.89	15.00	8,10,028.35	12,83,469.55	15.00	8,10,028.35	4,73,441.20
	DI 250 mm	10,655.00	64.00	6,81,920.00	60,510.84	39.00	23,59,922.76	30,41,842.76	39.00	23,59,922.76	6,81,920.00
	DI 300 mm	8,986.00	77.00	6,91,922.00	50,078.13	41.00	20,53,203.33	27,45,125.33	41.00	20,53,203.33	6,91,922.00
	DI 350 mm	2,806.00	84.00	2,35,704.00	17,086.95	44.00	7,51,825.80	9,87,529.80	44.00	7,51,825.80	2,35,704.00
	DI 400 mm	1,022.00	93.00	95,046.00	5,930.03	48.00	2,84,641.44	3,79,687.44	48.00	2,84,641.44	95,046.00
Total											113,21,375.16

Appendix 3.5

(Reference: Paragraph 3.2.1 (i); Page 153)

Details of blood samples tested using existing auto/
semi auto analysers in two sampled hospitals (Illustrative)

Sl. No.	Name of the hospital	Name of the equipment	Number of blood samples that can be tested in the equipment		Year	Maximum number of blood samples tested per day during the last 3 years	Capacity utilisation of the equipment during the last 3 years (in per cent)
			Per hour	Per day (2 shifts/ 16 hours) (Col. 4 x 16 hours)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Government Dharmapuri Medical College Hospital	Auto analyser	480	8,160	2015-16	1,530	18.75
		Semi auto analyser	30		2016-17	1,382	16.94
					2017-18	1,956	23.97
2	Government Mohan Kumaramangalam Medical College Hospital, Salem	Auto analyser (2 numbers)	300 (+) 150	8,000	2015-16	2,436	30.45
		Semi auto analyser	50		2016-17	2,548	31.85
					2017-18	3,352	41.90

Appendix 3.6

(Reference: Paragraph 3.2.3; Page 159)

Avoidable extra expenditure on purchase of *Rub N Run oil* and *Liver Tonic*

Year	No. of bottles purchased	Purchase price per bottle (100 ml)	Cost of equivalent medicine per bottle (100 ml) (50 ml x2)*	Difference	Amount
<i>Rub N Run oil</i>					
2013-14	60,000	195	64	131	78,60,000
2014-15	9,500	185	64	121	11,49,500
2015-16	50,600	185	64	121	61,22,600
2016-17	7,500	185	64	121	9,07,500
Total					1,60,39,600

* cost of 50 ml is ₹ 32

Year	No. of bottles purchased	Purchase price per bottle (300 ml)	Cost of equivalent medicine per bottle (300 ml) (100 ml x 3)**	Difference	Amount
<i>Liver Tonic</i>					
2013-14	55,000	175	48.33	126.67	69,66,850
2015-16	22,000	175	48.33	126.67	27,86,740
2016-17	7,500	175	48.33	126.67	9,50,025
Total					1,07,03,615
Grand Total					2,67,43,215

** Cost of 100 ml is ₹ 16.11

Appendix 3.7

(Reference: Paragraph 3.3.1.1; Page 169)

Details of sampled districts and taluks

Sl. No.	Name of the selected district	Name of the selected taluk			
1	Coimbatore	Mettupalayam	Madukarai	Coimbatore (South)	Valparai
2	Dharmapuri	Palacode	Karimangalam	Pennagaram	Dharmapuri
3	Kancheepuram	Kancheepuram	Sholinganallur	Uthiramerur	Cheyur
4	Kanyakumari	Thovalai	Agastheesvaram	Vilavancode	Kalkulam
5	Krishnagiri	Hosur	Pochampalli	Bargur	Krishnagiri
6	Madurai	Madurai (West)	Vadipatti	Madurai (South)	Madurai (North)
7	Perambalur	Alathur	Perambalur	Kunnam	Veppanthattai
8	Sivagangai	Elayankudi	Thiruppathur	Sivagangai	Karaikudi
9	Thanjavur	Orathanadu	Thiruvaiyaru	Kumbakonam	Papanasam
10	The Nilgiris	Coonoor	Kundha	Gudalur	Kothagiri
11	Theni	Andipatti	Periakulam	Bodinayakkanur	Theni
12	Tiruchirappalli	Manapparai	Manachanallur	Tiruchirappalli (West)	Tiruchirappalli (East)
13	Tiruvannamalai	Kilpennathur	Polur	Tiruvannamalai	Vembakkam
14	Tirunelveli	Tirunelveli	Tenkasi	Sengottai	Palayamkottai
15	Tiruvallur	Uthukottai	Ambattur	Tiruvallur	Avadi
16	Villupuram	Vikravandi	Gingee	Kallakurichi	Tindivanam

Appendix 3.8

(Reference: Paragraph 3.3.1.2 (ii); Page 172)

Details of avoidable extra expenditure on Pre-Delivery Inspection (PDI) charges

Sl. No.	Phase	Number of FMGs procured	Name of the PDI agency	PDI charges paid (₹)	Unit rate of PDI charges (₹) (Col. 5/Col. 3)	PDI charges payable adopting unit rate of Phases IV & V (₹)	Avoidable extra expenditure Col. 5 (-) Col. 7 (₹)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	I	2,85,00,000	Central Institute of Plastics Engineering and Technology, Chennai	8,95,66,806	3.143	61,84,500	8,33,82,306
2	II						
3	III						
4	IV	2,46,94,114	Bharat Test House, New Delhi	53,66,635	0.217	53,66,635	..
5	V						
	Total	5,31,94,114		9,49,33,441		1,15,51,135	8,33,82,306

Appendix 3.9

(Reference: Paragraph 3.3.1.3 (i); Page 172)

Details of loss due to storage of FMGs in uninsured godowns

Sl. No.	Name of the District	Appliances damaged	Number of appliances damaged	Amount of claim not admitted by the insurance company (In ₹)	Reason for non-admission of claim by the insurance company
1	Chennai	Fan	29,376	10,03,30,929	The claim was rejected as the claim location was not insured.
		Mixie	21,968		
		Grinder	24,392		
2	Kancheepuram	Fan	1,355	74,33,860	Claim location was not insured.
		Mixie	871		
		Grinder	1,751		
3	Tiruvallur	Fan	3,100	2,65,17,467	The claim was rejected as the claim location was not insured.
		Mixie	4,961		
		Grinder	8,677		
4	Vellore	Fan	30	21,30,197	The claim was rejected as the claim location was not insured.
		Mixie	725		
		Grinder	625		
	Total		97,831	13,64,12,453	

Appendix 3.10
(Reference: Paragraph 3.3.1.3 (ii); Page 173)
Details of damaged and faulty FMGs in godowns

Sl. No.	District	Number of damaged/faulty FMGs			
		Fan	Induction Stove	Mixie	Grinder
1	Ariyalur	251	..	131	157
2	Chennai*	4,578	..	12,473	674
3	Coimbatore	3,605	..	1,926	2,895
4	Cuddalore	4,637	..	3,800	3,654
5	Erode	917	..	632	396
6	Kancheepuram*	5,920	..	2,576	3,690
7	Kanyakumari	1,681	..	1,514	865
8	Karur	200	..	33	7
9	Krishnagiri	313	..	156	131
10	Madurai	4,465	..	2,563	1,833
11	Namakkal	59	..	73	39
12	The Nilgiris	..	1,768	1,232	0
13	Perambalur	842	..	684	766
14	Pudukottai	0	..	0	238
15	Ramanathapuram	598	..	274	303
16	Salem	1,828	..	585	1,100
17	Sivagangai	154	..	33	68
18	Thanjavur	1,622	..	1,370	827
19	Theni	42	..	39	38
20	Tirunelveli	3,418	..	2,957	2,594
21	Tiruppur	2,020	..	865	722
22	Tiruvallur*	4,550	..	3,068	5,381
23	Tiruvarur	626	..	376	426
24	Tiruchirappalli	232	..	165	112
25	Tuticorin	586	..	268	301
26	Vellore*	1,462	..	155	252
27	Villupuram	86	..	0	0
28	Virudhunagar	728	..	812	444
	Total	45,420	1,768	38,760	27,913
	<i>Unit Price[#] (₹)</i>	<i>869.05</i>	<i>1,055.69</i>	<i>1,055.69</i>	<i>2,142.00</i>
	Value of damaged/faulty FMGs (₹)	3,94,72,251	18,66,460	4,09,18,544	5,97,89,646
	Grand Total				14,20,46,901 or ₹ 14.20 crore

* After adjusting for the number of FMGs damaged due to fire and flood

The least unit price among the five phases was adopted

Appendix 3.11

(Reference: Paragraph 3.4.1 (a); Page 183)

Short levy of Property Tax by Coimbatore City Municipal Corporation

Assessment No.	Area (in sq.ft.)	Period	PT per HY (₹ in lakh)			Total loss of revenue and short levy (₹ in lakh)
			Due	Levied	Short levy	
(1)	(2)	(3)	(4)	(5)	(6)	(7) Col (6) x Number of HYs
81240820	42,648	Loss of revenue				
		April 2005 to March 2008 (6 HYs)	1.79	1.62	0.17	1.02
		April 2008 to March 2009 (2 HYs)	1.97	1.79	0.18	0.36
		April 2009 to March 2012 (6 HYs)	7.70	1.79	5.91	35.46
		Short levy				
		April 2012 to September 2014 (5 HYs)	7.70	1.79	5.91	29.55
		October 2014 to March 2018 (7 HYs)	1.97	1.79	0.18	1.26
81241033	3,608	Loss of revenue				
		October 2007 to March 2009 (3 HYs)	0.15	0.13	0.02	0.06
		April 2009 to March 2012 (6 HYs)	0.65	0.13	0.52	3.12
		Short levy				
		April 2012 to September 2014 (5HYs)	0.65	0.13	0.52	2.60
		October 2014 to March 2018 (7 HYs)	0.15	0.13	0.02	0.14
Total (Loss of revenue: ₹ 40.02 lakh and Short levy: ₹ 33.55 lakh)					73.57	

HY : Half Year

Appendix 3.12

(Reference: Paragraph 3.4.1 (c); Page 185)

Short levy of Property Tax by Palani Municipality
for the period 2014-18

Sl. No.	Description	Property tax (in ₹)		
		To be levied	Levied	Short levy
Assessed area: 44,856 Sq.ft				
1	Annual Rental Value (ARV) Assessed area (x) three times of zonal rate (x) 12 months	20,99,261	11,30,371	9,68,890
2	Building Value (BV) ARV (-) land value (1/6 of ARV)	17,49,384	9,41,976	8,07,408
3	Value of Property (PV) BV (-) 10 per cent for maintenance	15,74,446	8,47,778	7,26,668
4	Annual Value (AV) Land value (+) PV	19,24,323	10,36,173	8,88,150
5	Property Tax per HY AV (x) 11.5 per cent	2,21,297	1,19,160	1,02,137
6	Education Tax (2.5 per cent on AV)	48,108	25,904	22,204
7	Library Cess (10 per cent of Property Tax)	22,130	11,916	10,214
8	Total tax on property per HY (Rows 5 + 6 + 7)	2,91,535	1,56,980	1,34,555
9	Property Tax for 8 HYs (2014-15 to 2017-18)	23,32,280	12,55,840	10,76,440

HY : Half Year

Glossary of abbreviations

Abbreviations	Full Form
AAGHIM	Anna Government Hospital of Indian Medicine
ACL	Anna Centenary Library
ACoP	Additional Commissioner of Police
ADGP	Additional Director General of Police
AERB	Atomic Energy Regulatory Board
AMC	Annual Maintenance Contract
AMRUT	Atal Mission for Rejuvenation and Urban Transformation
ARV	Annual Rental Value
ATNs	Action Taken Notes
AV	Annual Value
BPRD	Bureau of Police Research and Development
CAG	Comptroller and Auditor General of India
CCH	Central Council of Homeopathy
CCIM	Central Council of Indian Medicine
CED	Central Excise Duty
CFC	Citizen Facilitation Centres
Ch.MA	Chennai Metropolitan Area
CIPET	Central Institute of Plastics Engineering and Technology
CLIO	Chief Librarian & Information Officer
CMA	Commissioner of Municipal Administration
CMC	Chengalpattu Medical College
CMDA	Chennai Metropolitan Development Authority
CoP	Commissioner of Police
CRA	Commissioner of Revenue Administration
CRIDP	Comprehensive Road Infrastructure Development Programme
CRZ	Coastal Regulatory Zone
CSR	Community Service Register
CSS	Closed Source Software
CWP	Citizen Web Portal
CWSS	combined water supply schemes
DC	Development Charges
DCB	Demand, Collection and Balance

Abbreviations	Full Form
DEAR	Department of Evaluation and Applied Research
DF&RS	Directorate of Fire and Rescue Services
DHQ	District Headquarters
DHQH	District Headquarters Hospitals
DI	Ductile Iron
DIMH	Directorate of Indian Medicine and Homeopathy
DL	Driving Licence
DLFA	Directorate of Local Fund Audit
DME	Director of Medical Education
DMRHS	Director of Medical and Rural Health Services
DSMO	District Siddha Medical Officers
DPC	Duties, Powers and Conditions of Services
DPL	Director of Public Libraries
DPO	District Police Office
DR	Development Regulations
DRSC	District Road Safety Committee
DSW	Director of Social Welfare
EARC	Emergency Accident Relief Centre
EC	Enforcement Cell
ECG	Electrocardiogram
EE	Executive Engineer
ELCOT	Electronics Corporation of Tamil Nadu Limited
EMR	Emergency Medical Response
ESI	Employees' State Insurance
EWS	Economically Weaker Section
FA	Financial Accounting
FIH	International Hockey Federation
FIRs	First Information Reports
FMG	Fans, Mixies and Grinders
FSI	Floor Space Index
GAMC	Government Ayurvedic Medical College
GCC	Greater Chennai Corporation
GH	Government Hospitals

Abbreviations	Full Form
GHMC	Government Homoeopathy Medical College
GMKMC	Government Mohan Kumaramangalam Medical College
GMKMCH	Government Mohan Kumaramangalam Medical College and Hospital
GoI	Government of India
GoTN	Government of Tamil Nadu
GRS	Grievance Redressal System
GSMC	Government Siddha Medical College
GST	Goods and Services Tax
GTMCH	Government Thanjavur Medical College Hospital
GUMC	Government Unani Medical College
HIG	High Income Group
HPTs	Highway Patrol Teams
HPV	Highway Patrol Vehicle
HWS	Hogenakkal Water Supply Scheme
H&UD	Housing and Urban Development
IBMS	Integrated Book Monitoring, Networking and Security System
IDC	Inter Departmental Committee
IDEA	Interactive Data Extraction and Analysis
IDT	Inter Departmental Team
IEC	Information, Education and Communication
IOCL	Indian Oil Corporation Limited
IP	Inpatient
IRC	Indian Road Congress
IRs	Inspection Reports
ISM	Indian Systems of Medicine
IIT	Indian Institute of Technology
ITMS	Integrated Traffic Management System
JICA	Japan International Co-operation Agency
KMCH	Kilpauk Medical College Hospital
LIG	Low Income Group
LPCD	Litres Per Capita per Day
MAWS	Municipal Administration and Water Supply

Abbreviations	Full Form
MC	Monitoring Committee
MCH	Medical College Hospital
MCI	Medical Council of India
MD	Managing Director
MIS	Management Information System
mg/l	milligram/litre
MLD	Million litres per day
MORTH	Ministry of Road Transport and Highways
MPW	Multi-Purpose Workers
MR	Miscellaneous Receipts
MRTS	Mass Rapid Transit System
MSBs	Multi-Storeyed Buildings
MT	Metric Tonne
MVI	Motor Vehicles Inspector
NABH	National Accreditation Board for Hospitals and Healthcare
NAM	National AYUSH Mission
NH	National Highway
NHAI	National Highways Authority of India
NIC	National Informatics Centre
NRHM	National Rural Health Mission
NSQ	Not of Standard Quality
O&M	Operation and Maintenance
OHMs	Object Hazard Markers
OHT	Over Head Tank
OP	Outpatient
OSR	Open Space Reservation
OSS	Open Source Software
PCE	Project Chief Engineer
PDI	pre-delivery inspection
PG	Post graduate
PHCs	Primary Health Centres
PIP	Project Implementation Plan
POCT	Point of Care Testing

Abbreviations	Full Form
PSU	Public Sector Undertaking
PT	Property Tax
PU	Panchayat Unions
PWD	Public Works Department
QC	Quality Control
R&D	Research and Development
RADMS	Road Accident Data Management System
RC	Registration Certificate
RDMA	Regional Directors of Municipal Administration
RFID	Radio-Frequency Identification
RFP	Request for Proposal
RRC	Running Rate Contract
RSA	Road Safety Audit
RSC	Road Safety Commissioner
RTA	Road Traffic Accident
RTO	Regional Transport Offices/Officers
SAAP	State Annual Action Plan
SBs	Special Buildings
SCRB	State Crime Record Bureau
SDG	Sustainable Development Goals
SE, PMC	Superintending Engineer, Project Management Cell
SEIAA	State Level Environment Impact Assessment Authority
SH	State Highway
SMP	Second Master Plan
SPMU	State Project Managing Unit
sq.ft	square foot
sq.m	square metre
SRS	System Requirement Specification
SRSC	State Road Safety Council
STPC	State Traffic Planning Cell
SUC	Solid Waste Management User Charges
TAMPCOL	Tamil Nadu Medical Plant Farms & Herbal Medicine Corporation Limited

Abbreviations	Full Form
TCC	Trauma Care Centre
TNCDW	Tamil Nadu Corporation for Development of Women
TNCSC	Tamil Nadu Civil Supplies Corporation
TNeGA	Tamil Nadu e-Governance Agency
TNMSC	Tamil Nadu Medical Services Corporation
TNPHC	Tamil Nadu Police Housing Corporation
TNSDC	Tamil Nadu State Data Centre
TNSUDP	Tamil Nadu Sustainable Urban Development Project
TNTAR	Tamil Nadu Transparency in Tenders Act, 1998 and Rules 2000
TPs	Town Panchayats
TVC	Town Vending Committee
TWAD Board	Tamil Nadu Water Supply and Drainage Board
UG	Undergraduate
UGD	Under Ground Drainage
UO	Unit Office
ULBs	Urban Local Bodies
UTIS	Urban Tree Information System
VLT	Vacant Land Tax
YNLC	Yoga & Naturopathy Lifestyle Clinic
WB	World Bank
WHO	World Health Organisation
WS	Water Supply