Name of City/Town:		Coimbatore		District:		
Name of Municipal Body:		Coimbatore city corporation		Division:		
Address	S:			State:	Tamil nadu	
Telepho	one:			Fax:		
Email:				Website:		
•	DEMOGRAPHY	1				
.1	Name of Officer In-C	Charge	Chief	Health Officer		
.2	Area of Municipal Co (Please provide map municipal body) (km	showing legal limits of	105.6	0		
.3	No. of wards / zones	3	72	72		
.4	Total population (as	per 1991 census)	8,45,3	8,45,330		
.5	Total population (as per 2001 census)		10,25	10,25,550		
.6	Population		No In	No Information		
.7	Floating population		No Information			
.8	Total no. of househo	old	1,86,073			
.9	Average maximum t	emperature (ºC)	35.8			
.10	Average minimum te	emperature (ºC)	22.4	22.4		
.11	Average yearly max	imum rainfall (mm)	71			
.12	Average maximum,	minimum humidity	No In	formation		
.13	Average depth of wa	ater table	442 MSL			
.14	Altitude (<i>i.e.</i> mean sea level)		10 ⁰ 50	10°50'and 11°2' north 76° 1' east		
•	GENERATION OF	MUNICIPAL SOLID WASTE				
.1	Total MSW generati	on (MT/day)	800			
.2	MAW generation (gr	ms/capita/day)	823			
.3	Of the total MSW ge	enerated				

PROFORMA FOR SUBMITTING INFORMATION ON SOLID WASTE MANAGEMENT

•	Quantity of domestic MSW (MT/day)	
•	Quantity of commercial MSW (MT/day)	
•	Quantity of industrial (non-toxic and non- hazardous) waste (MT/day)	
•	Quantity of waste from markets (MT/day)	
•	Quantity of waste from hotels and restaurants (MT/day)	
.1	Composition of MSW (Attach separate sheet)	
•	Physical characteristics	
	• Biodegradable (%)	50.06
	• Recyclables	15.52
	 Inert, ash, debris (%) 	
•	Chemical characteristics	
	o Carbon (%)	
	 Nitrogen (%) 	
	\circ Phosphorous as P ₂ O ₅ (%)	
	• Potassium as K ₂ O (%)	
	o C/N ratio	45.83
	 Calorific value (kCal/kg) 	2381
	o Moisture (%)	54
	 Density of MSW (kg/m³) 	
•	SWEEPING	
.1	Total length of roads (with or without footpath) (km)	683
•	Total length of cement-concrete roads (km)	70
•	Total length of asphalted roads (km)	559.5
•	Total length of Kutchha roads (km)	54
.1	Total no. of sweepers employed	2400(sanitary workers)
•	Departmental	
•	Contracted	
.1	Working hours of sweepers	
.2	Norms of sweeping (<i>e.g.</i> one sweeper per population, or one sweeper per sq. m. area, or one sweeper per RMT road)	
.3	Sweeping carried out at a location by	• One sweepers

		• Two sweepers
		• Three or more sweepers
.4	Sweeping waste is put in a	 Box type wheel barrow
		 Containerised handcart
		• Cane or bamboo basket
		• Roadside bin
		o Open dump
		• Directly in the vehicle
.5	Frequency of sweeping	 All seven days a week
		 Six days in a week
		 Alternate days
		 Any other frequency (Please mention)
.6	Total no. of wheel barrows provided (bullock carts	277
.7	Total no. of containerised handcarts provided	
.8	Total capacity of wheel barrow (kg)	
.9	No. of containers and its capacity in kg	
.10	Type of broom provided	 Long handle (No.:)
.11	Any other equipment provided (<i>e.g.</i> spade, shovel, tikow)	Ghamela, Spade, Collecting tray
.12	Protective gear provided (<i>e.g.</i> leather hand gloves, gumboots, mask)	Handgloves, Gum Boot, Face Mask, Chapels, Umbrella, Raincoat
•	COLLECTION, STORAGE AND TRANSPORTA	TION
.1	Area covered for collection of MAW	
.2	No. of households covered	
.3	No. of households covered under door-to-door collection (bell ringing)	
.4	Is the collection carried out by municipal authority or private contractor or NGO?	
.5	Is the segregation is carried out at source?	No
	If no, what steps have been taken?	
.6	Total quantity collected (MT/day)	5
.7	MSW collected in mixed form (MT/day)	
.8	MSW collected in segregated form (MT/day)	
.9	Whether littering is prohibited by the	Yes/No.

	municipality?		
.10	Whether litterbins are provided?	Yes/No	
.11	Frequency of waste collection	0	Once in 24 hours
		0	Twice in 24 hours
		0	Thrice in 24 hours
		0	Alternate days
		0	Any other frequency (Please mention)
.12	Is waste collected every day <i>i.e.</i> 7 days a week and 365 days a year?	Yes/No	
	If no, give details		
.13	Total number, type, size, and capacity of storage bins / container / trailers provided		
.14	Whether the bins are open or closed?		
.15	Whether all bins are attended/cleaned daily? (<i>i.e.</i> 7 days a week and 365 days a year)	Yes/No	
	If no, mention details		
.16	Whether the lifting of waste from the bins is manual or mechanical?		

.17 Vehicle details					
Туре	Total No.	Capacity (MT)	Daily required	At present available	Additional proposed
Lorries	7				
Mini Lorries	8				
Prime mover	1				
Sullage lorry	8				
tipper	26				
Tractor-trailer with tipping	1				
JCB	5				
Auto rickshaw with or without tipping	16				
Dumper placer	16				
Front end loader	4				
Any other type bullocks carts (please mention)	277				

Type over the two second secon		No. of shifts	Capacity (MT)	No. of trips/ shift	Distance travelled / shift	Quantity of MSW carried / shift (MT)	Quantity of MSW carried out / day (MT)	No. of workers / vehicle
Compac (mobile)								
Dumper placer (v 2.5 m ³ containe	with							
Dumper placer (v 4.5 m ³ / m ³ containe	vith 7							
Open tru	JCK							
Open tru with tipp								
Tractor- trailer wi tipping								
Tractor- trailer without tipping								
Auto rickshav with/ without tipping	v							
Tricycle with/with tipping	nout							
Any othe	er							
Total								
.19	If the vehicles are of they covered with t				10			
•	COLLECTION SYS	STEM						
.1	Approximate MSW							

	 Household (urban) 	
	o Slums	
	• Street sweeping	
	• Shops & commercial establishments	
	o Markets	
	o Hotels, restaurants, eating houses	
	o Gardens, parks, fairs	
	 Slaughter houses 	
	• Building sites (debris, earth, <i>etc</i> .)	
.2	No. of premises / establishments	
	• Households	
	• Shops, commercial establishments	
	 Slums, households, population 	
	 Vegetable and fruit markets 	
	 Fish and meat markets 	
	• Hawkers	
.3	No. of hotels, restaurants, eating houses	
	o Grade / class I	
	o Grade / class II	
	o Grade / class III	
	• No. of star hotels	
.4	Guesthouses	
.5	Marriage halls	
.6	Dispensaries and maternity homes	35
.7	Cinema halls	
.8	Theatres	
.9	Stables and no. of animals	
.10	Hospitals/ clinics/ nursing homes Total no. of beds	
.11	Parks, gardens, recreation places like lakes, amusement parks	
.12	Building sites (under construction)	
.13	Slaughter houses	
L		

.1 Total quantity of MSW processed (MT/day) 695.10 .2 Technology / technologies adopted All the collected waste is dumped in open plate .0 Composting (MT/day) No .0 Vermiculture (MT/day) No	ace
 Composting (MT/day) No 	ace
 Vermiculture (MT/day) No 	
 Pelletisation (MT/day) No 	
 Waste to energy (MT/day) No 	
.3 Composting	
Compost produced (MT/year)	
Is it done mechanically? Yes/No	
Is it the compost sold? Yes/No	
If yes, the quantity sold (MT/year)	
Total revenue generated (Rupees/year)	
.1 Vermi-composting	
Vermi-compost produced (MT/day)	
Is the vermi-compost sold? Yes/No	
If yes, the quantity sold (MT/year)	
Total revenue generated (Rupees/year)	
.1 Pelletisation	
Pellets produced (MT/day)	
Are the pellets sold? Yes/No	
If yes, the quantity sold (MT/year)	
Total revenue generated (Rupees/year)	
.1 Waste to energy	
Energy produced (MW/MT/day)	
Incineration	
Pyrolysis	
Bio-methanation	
Any other (Please mention)	
Revenue generated (Rupees/year)	
.1 Dumping grounds/landfill sites	

	•	MSW disposed off by open dumping (MT/day) [mixed/inert]	
	•	MSW disposed off by controlled dumping (MT/day) [mixed/inert]	
	•	MSW disposed off by sanitary landfill (MT/day) [mixed/inert]	
	•	No. of dumping grounds/ landfill sites	1
		Whether municipality legally owns them?	
	•	Area of each dumping ground/ landfill site	38 acres
	•	Whether the area will be sufficient for next 25 years	Yes/No
	•	If no, then what steps have been taken to acquire land?	
	•	Distance (in km) of dumping ground / landfill site from	
		• Habitation	
		 Drinking water source 	
		 Religious or monument places 	
	•	Distance from airport or airbase	
	•	Has it been designed scientifically	Yes/No
	•	Has the existing dumping ground been upgraded as required by MSW Rules, 2000	Yes/No
		If no, what steps have been taken (provide details)	
.1		Whether the following facilities are provided	
	•	Weighbridge	Yes/No
	•	Fencing	Yes/No
	•	Approach roads/ internal roads	Yes/No
	•	Lighting facility	Yes/No
	•	Site office with monitoring equipment	Yes/No
	•	Managerial staff and manpower	Yes/No
	•	Covering material used daily as per Rules 2000	Yes/No
		Is it available in sufficient quantity?	Yes/No

•

•	Gas venting arrangement	Yes/No
•	Leachate collection system	Yes/No
•	INSTITUTIONAL ARRANGEMENTS	
.1	SWM services provided in the city/town by	Municipality/ Private contractor/ NGO
.2	Total no. of Supervisory Staff provided (<i>e.g.</i> Health officer/ Assistant Health officer/ Chief Sanitary Inspector/ sanitary Inspector/ Sanitary Supervisors, <i>etc.</i>)	
.3	Total no. of sweepers/ Pourakarmikas/ labourers/ Mukadam/ Jathedars/ Daffedars, <i>etc</i> .	
.4	Organisational structure	(Furnish separate sheet)
•	PRIVATISATION	
.1	Whether any of the following service is privatised?	
•	Sweeping	Yes/No
•	Door-to-door collection	Yes/No
•	Community collection	Yes/No
•	Transportation	Yes/No
•	Processing of MAW	Yes/No
•	Sanitary landfilling	Yes/No
	If yes, provide details	
	If no, whether any future plans for privatisation	
•	Details of NGO/ CBO/ Residential groups involved in any schemes/ projects initiated by municipal body in SWM/ clean city program	
	COST IMPLICATIONS IN SWM	

- COST IMPLICATIONS IN SWM
- .1 Expenditure (in Rupees/Year)

- Total cost of SWM services under various heads
- Establishment including salaries, uniforms, etc
- Tools, equipment, and consumables including disinfectant
- Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, *etc*
- Hiring charges for contractors' vehicle & machinery, bulldozers, JCBs, *etc*
- Other miscellaneous expenses
- .1 The above total cost in terms of following activities (Rupees/Year)
 - Sweeping cost
 - Collection cost
 - Transportation cost
 - Processing cost
 - Disposal / sanitary landfill cost
- .1 Cost recovery
 - Tipping fee or trade refuse charges (Rupees/Year)
 - Revenue generation (by sale of compost, vermi-compost, energy/ gas, *etc.* (Rupees/Year)
 - Annual expenditure for SWM services

Cost of SWM services in Rupees per capita per year

Cost of SWM services in Rupees per tonne of MSW

- OTHER FACILITIES
- .1 What facilities are provided for the following?

- Biomedical waste
- Diary related activities
- Slaughter house and unauthorised slaughtering
- Construction, demolition, debris and silt
- Encroachments on footpaths, in parks
- How many slums have been identified and whether there are provided with sanitation facilities?
- Is there any enforcement wing for taking renal Yes/No actions?

Recovery of administrative charges

Fines under Municipal/Police Act

Recourse to Municipal Act bye-laws

• Whether any cases are registered and settled Yes/No during last three years?

No. of cases registered during last three years

No. of cases settled during last three years

Total recovery during last three years

• SPECIAL/ UNIQUE SCHEMES OR INITIATIVES¹

- .1 Recycling schemes for plastic, PET bottles Yes/No
- .2 Encouraging community activity such as ALM² Yes/No formation
- .3 Encouraging people's participation by building- Yes/No wise or building complex-wise waste segregation and processing of organic waste by vermi-composting or composting
- .4 Training needs for sanitary workers on health Yes/No and safety issue
- .5 Development of tools and implements Yes/No
- .6 Please provide list of potential NGO for implementing any of the initiatives (any association registered with municipal body/ unregistered local area management)
- AWARENESS

2 Advance Locality Management

¹ Details of schemes can be provided on a separate sheet

.1	Are you aware of the various notifications of the Ministry of Environment and Forests, Government of India	
•	Municipal Solid Waste (Management and Handling) Rules, 2000	
•	Recycled Plastics Manufacture and Usage Rules, 1999	
•	Biomedical Waste (Management and Handling) Rules, 1998	
•	Coastal Regulatory Zones Rules, 1991 (amended up to 2002)	
	Place:	
	Date:	Signature of the Municipal Commissioner / The Health Officer/ The Chief Engineer (SWM)
		Stamp

Note: Please provide small note on the geographical and historical background of the city, tourist places, monuments, pilgrimage places, main industrial areas, industries, GNP, GDP, Airport, Airbase, main events and main people of national and international importance, *etc*.