

PROFORMA FOR SUBMITTING INFORMATION ON SOLID WASTE MANAGEMENT

Name of City/Town:	SOLAPUR	District:	SOLAPUR
Name of Municipal Body:	SOLAPUR MUNICIPAL CORPORATION	Division:	Pune
Address:	Indra Bhuvan, Railway Line,	State:	Maharashtra
Telephone:	627231	Fax:	
Email:		Website:	
<ul style="list-style-type: none"> • DEMOGRAPHY 			
.1	Name of Officer In-Charge	Medical Officer of Health	
.2	Area of Municipal Corporation /Council (Please provide map showing legal limits of municipal body) (km ²)	179 sq. kms	
.3	No. of wards / zones	32 Prabhag, 6 Zones	
.4	Total population (as per 1991 census)	6,20,846	
.5	Total population (as per 2001 census)	8,73,009	
.6	Population		
	<ul style="list-style-type: none"> • Urban 	5,50,000	
	<ul style="list-style-type: none"> • Slums 	3,25,000	
.1	Floating population	10,000 to 15,000	
.2	Total no. of household	1,32,822	
<ul style="list-style-type: none"> • GENERATION OF MUNICIPAL SOLID WASTE 			
.1	Total MSW generation (MT/day)	350 MT	
.2	MSW generation (gms/capita/day)	380 to 400 gm	
.3	Of the total MSW generated		
	<ul style="list-style-type: none"> • Quantity of domestic MSW (MT/day) 	210	
	<ul style="list-style-type: none"> • Quantity of commercial MSW (MT/day) 	35	
	<ul style="list-style-type: none"> • Quantity of industrial (non-toxic and non-hazardous) waste (MT/day) 	87.5	
	<ul style="list-style-type: none"> • Quantity of waste from markets (MT/day) 	10.5	
	<ul style="list-style-type: none"> • Quantity of waste from hotels and restaurants (MT/day) 	7	
.1	Composition of MSW (Attach separate sheet)		
	<ul style="list-style-type: none"> • Physical characteristics 		
	<ul style="list-style-type: none"> <input type="checkbox"/> Biodegradable (%) 	78	
	<ul style="list-style-type: none"> <input type="checkbox"/> Paper (%) 	2	

- Plastic (%) 2.5
- Glass (%) 0.5
- Metal (%) 0.5
- Inert, ash, debris (%)

• **COLLECTION, STORAGE AND TRANSPORTATION**

- .1 Area covered for collection of MSW 179 sq. km
- .2 No. of households covered 1,32,822
- .3 No. of households covered under door-to-door collection (bell ringing) 25 to 30 km
- .4 Is the collection carried out by municipal authority or private contractor or NGO? Municipal Corporation
- .5 Is the segregation is carried out at source? No
- .6 MSW collected in mixed form (MT/day) Mixed
- .7 Total number, type, size, and capacity of storage bins / container / trailers provided 1786
- .8 Whether all bins are attended/cleaned daily? (i.e. 7 days a week and 365 days a year) No – 60 to 70%
- .9 Whether the lifting of waste from the bins is manual or mechanical? Manual and Loader

.10 Vehicle details

Type	Total No.	Capacity (MT)	Daily required	At present available	Additional proposed
Dumper placer (with 4.5 m ³ / 7 m ³ containers)		3 MT		6	
Open truck		Max 5 MT		30	

.11 Collection details

Type of vehicle	No. of vehicles used	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
Dumper placer (with 2.5 m ³ containers)	6		3%	24	720 Km	72 MT		
Open truck	30		5%	90 to 150	3600 Km	200 MT		

•	PROCESSING AND DISPOSAL OF MSW	
.1	Technology / technologies adopted	
	<input type="checkbox"/> Composting (MT/day)	Composting
	<input type="checkbox"/> Vermiculture (MT/day)	----
	<input type="checkbox"/> Pelletisation (MT/day)	----
	<input type="checkbox"/> Waste to energy (MT/day)	----
.2	Composting	
	Is it done mechanically?	No
	Is it the compost sold?	Yes
	If yes, the quantity sold (MT/year)	Yearly 15 to 20 lakhs
.3	Dumping grounds/landfill sites	
	• Area of each dumping ground/ landfill site	1. At Tuljapur road area used in nearly 5 Hector 2. Bhagaon disposal site having 412 & 268 pits of 35 x 8 x 3 feet dimension
	• Whether the area will be sufficient for next 25 years	Since 1964 For next 25 years
	• Distance (in km) of dumping ground / landfill site from ...	Tuljapur rd. 15 – 16 Km Bhagaon nearly 9 to 10 km
.1	Whether the following facilities are provided	
	• Weighbridge	No
	• Fencing	No
	• Lighting facility	No
	• Managerial staff and manpower	20
	• Covering material used daily as per Rules 2000	Covering material is used but not adequate
	Is it available in sufficient quantity?	No
	• Gas venting arrangement	Not available
	• Leachate collection system	Provision not made
•	INSTITUTIONAL ARRANGEMENTS	
.1	SWM services provided in the city/town by	Conservancy supdt under M.O.H
.2	Total no. of Supervisory Staff provided (e.g. Health officer/ Assistant Health officer/ Chief Sanitary Inspector/ sanitary Inspector/ Sanitary Supervisors, etc.)	2 Dy, conservancy supdt & 6 CSI
.3	Total no. of sweepers/ Pourakarmikas/ labourers/	80 Jamadara, 492 sweepers, 172 Bigari

Mukadam/ Jathedars/ Daffedars, etc.

- **PRIVATISATION**

.1 Whether any of the following service is privatised?

- Sweeping No
- Door-to-door collection No
- Transportation No
- Processing of MSW No
- If no, whether any future plans for privatisation No

- **COST IMPLICATIONS IN SWM**

.1 Expenditure (in Rupees/Year)

- Total cost of SWM services under various heads
- Establishment including salaries, uniforms, etc Rs. 8,53,53,000
- Tools, equipment, and consumables including disinfectant Rs. 29,00,000
- Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, etc Rs. 70,00,000

.1 The above total cost in terms of following activities (Rupees/Year)

- Sweeping cost Rs. 4,10,00,000
- Collection cost }
- Transportation cost } Rs. 5,25,53,000
- Disposal / sanitary landfill cost Rs. 17,00,000

.1 Cost recovery

- Tipping fee or trade refuse charges (Rupees/Year) NIL
- Revenue generation (by sale of compost, vermi-compost, energy/ gas, etc. (Rupees/Year) 15 to 20 lacs

- **OTHER FACILITIES**

.1 What facilities are provided for the following?

• Biomedical waste	Yes
• Diary related activities	No
• Slaughter house and unauthorised slaughtering	Yes
• Construction, demolition, debris and silt	Yes
• Encroachments on footpaths, in parks	Yes
• How many slums have been identified and whether there are provided with sanitation facilities?	149, Yes
Recovery of administrative charges	Yes
Fines under Municipal/Police Act	
Recourse to Municipal Act bye-laws	
• Whether any cases are registered and settled during last three years?	Yes
No. of cases registered during last three years	2530
No. of cases settled during last three years	3309
Total recovery during last three years	Rs. 77234
• SPECIAL/ UNIQUE SCHEMES OR INITIATIVES¹	
.1 Recycling schemes for plastic, PET bottles	No
.2 Encouraging community activity such as ALM ² formation	No
.3 Encouraging people's participation by building-wise or building complex-wise waste segregation and processing of organic waste by vermi-composting or composting	No
.4 Training needs for sanitary workers on health and safety issue	No
.5 Development of tools and implements	No
• AWARENESS	
.1 Are you aware of the various notifications of the Ministry of Environment and Forests, Government of India	

¹ Details of schemes can be provided on a separate sheet

2 Advance Locality Management

- Municipal Solid Waste (Management and Handling) Rules, 2000 Yes
- Recycled Plastics Manufacture and Usage Rules, 1999 Yes

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.*