

PROFORMA FOR SUBMITTING INFORMATION ON SOLID WASTE MANAGEMENT

Name of City/Town:	BEED	District:	BEED
Name of Municipal Body:	BEED Municipal Council	Division:	Aurangabad
Address:	Bashis gand road, Beed	State:	Maharashtra
Telephone:	22423	Fax:	
Email:		Website:	
<ul style="list-style-type: none"> <li>• <b>DEMOGRAPHY</b></li> </ul>			
.1	Name of Officer In-Charge	Chief Officer	
.2	Area of Municipal Corporation /Council (Please provide map showing legal limits of municipal body) (km <sup>2</sup> )	8.29 sq. km	
.3	No. of wards / zones	14 wards / 3 zones	
.4	Total population (as per 1991 census)	1,12,434	
.5	Total population (as per 2001 census)	1,38,091	
.6	Population		
	<ul style="list-style-type: none"> <li>• Urban</li> </ul>	65,227	
	<ul style="list-style-type: none"> <li>• Slums</li> </ul>	72,864	
.1	Floating population	4000	
.2	Total no. of household	19689	
<ul style="list-style-type: none"> <li>• <b>GENERATION OF MUNICIPAL SOLID WASTE</b></li> </ul>			
.1	Total MSW generation (MT/day)	25 MT	
.2	MSW generation (gms/capita/day)	200 gm	
.3	Of the total MSW generated		
	<ul style="list-style-type: none"> <li>• Quantity of domestic MSW (MT/day)</li> </ul>	14	
	<ul style="list-style-type: none"> <li>• Quantity of commercial MSW (MT/day)</li> </ul>	2	
	<ul style="list-style-type: none"> <li>• Quantity of industrial (non-toxic and non-hazardous) waste (MT/day)</li> </ul>	2	
	<ul style="list-style-type: none"> <li>• Quantity of waste from markets (MT/day)</li> </ul>	5	
	<ul style="list-style-type: none"> <li>• Quantity of waste from hotels and restaurants (MT/day)</li> </ul>	2	
<ul style="list-style-type: none"> <li>• <b>SWEEPING</b></li> </ul>			
.1	Total length of roads (with or without footpath) (km)	278 km	

	• Total length of cement-concrete roads (km)	5 km
	• Total length of asphalted roads (km)	228 km
	• Total length of Kutchha roads (km)	25 km
.1	Total no. of sweepers employed	70
	• Departmental	245
.1	Working hours of sweepers	5 Hours
.2	Norms of sweeping (e.g. one sweeper per ... population, or one sweeper per ... sq. m. area, or one sweeper per ... RMT road)	<b>One sweeper per 5000 sq. m area</b>
.3	Sweeping carried out at a location by	<input type="radio"/> <b>One sweeper</b> <input type="radio"/> Two sweepers <input type="radio"/> Three or more sweepers
.4	Sweeping waste is put in a...	<input type="radio"/> Box type wheel barrow <input type="radio"/> Containerised handcart <input type="radio"/> Cane or bamboo basket <input type="radio"/> <b>Roadside bin</b> <input type="radio"/> <b>Open dump</b> <input type="radio"/> Directly in the vehicle
.5	Frequency of sweeping	<input type="radio"/> <b>All seven days a week</b> <input type="radio"/> Six days in a week <input type="radio"/> <b>Alternate days</b> <input type="radio"/> Any other frequency (Please mention)
.6	Total no. of wheel barrows provided	65 handcarts
.7	Total capacity of wheel barrow (kg)	50 kg
	<b>• COLLECTION, STORAGE AND TRANSPORTATION</b>	
.1	Area covered for collection of MSW	90%
.2	No. of households covered	No
.3	No. of households covered under door-to-door collection (bell ringing)	No
.4	Is the collection carried out by municipal authority or private contractor or NGO?	Municipality
.5	Is the segregation is carried out at source?	No
.6	Total quantity collected (MT/day)	25 MT

.7	MSW collected in mixed form (MT/day)		Mixed Waste					
.8	Is waste collected every day <i>i.e.</i> 7 days a week and 365 days a year?		Yes					
.9	Total number, type, size, and capacity of storage bins / container / trailers provided		RCC bins : 150					
.10	Whether all bins are attended/cleaned daily? <i>(i.e.</i> 7 days a week and 365 days a year)		Yes					
.11	Whether the lifting of waste from the bins is manual or mechanical?		Manual					
.12	Vehicle details							
Type	Total No.	Capacity (MT)	Daily required	At present available	Additional proposed			
Tractor-trailer with tipping		1 MT		7	2			
Auto Trolley		0.5 MT		4				
.13	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
Tractor-trailer with tipping	7		1 MT	3	50 km	20 MT		
Auto Trolley	4		0.5 MT	4	5 km	6 MT		
<b>Total</b>						26 MT		
<b>•</b>	<b>COLLECTION SYSTEM</b>							
.1	Approximate MSW collected (MT)		25 MT					
	o Household (urban)		8					
	o Slums		6					
	o Street sweeping		1					
	o Shops & commercial establishments		2					
	o Markets		5					
	o Hotels, restaurants, eating houses		2					
	o Gardens, parks, fairs		----					
	o Slaughter houses		----					
	o Building sites (debris, earth, etc.)		1					

.2	No. of premises / establishments	
	o Households	19689
	o Shops, commercial establishments	----
	o Slums, households, population	20 slums and 72864 population
	o Vegetable and fruit markets	3
	o Fish and meat markets	1 (fish market) 1 (mutton market)
	o Hawkers	
.3	No. of hotels, restaurants, eating houses	259
	o Grade / class I	138
	o Grade / class II	73
	o Grade / class III	48
	o No. of star hotels	No Information
.4	Guesthouses	1 + lodges
.5	Marriage halls	13
.6	Hostels	5
.7	Cinema halls	5
.8	Theatres	1
.9	Stables and no. of animals	49 (stables) / 235 animals
.10	Hospitals/ clinics/ nursing homes	Dist. Hospital - 1; Clinics – 34/74; N. H. – 8; Beds – 179
	Total no. of beds	
.11	Parks, gardens, recreation places like lakes, amusement parks	2 Gardens
.12	Building sites (under construction)	----
.13	Slaughter houses	1
	<b>• PROCESSING AND DISPOSAL OF MSW</b>	
.1	Dumping grounds/landfill sites	20 MT
	• No. of dumping grounds/ landfill sites	1 Hector 61 R
	• Distance (in km) of dumping ground / landfill site from ...	7 km
	• Has it been designed scientifically	Yes – 25 years
.1	Whether the following facilities are provided	

• Weighbridge	No
• Fencing	No
• Lighting facility	No
• Managerial staff and manpower	No
• Covering material used daily as per Rules 2000	No
Is it available in sufficient quantity?	No
• Gas venting arrangement	Not available
• Leachate collection system	Provision not made
• <b>INSTITUTIONAL ARRANGEMENTS</b>	
.1 SWM services provided in the city/town by	Municipal Council Beed
.2 Total no. of Supervisory Staff provided (e.g. Health officer/ Assistant Health officer/ Chief Sanitary Inspector/ sanitary Inspector/ Sanitary Supervisors, etc.)	4 SI, 18 Mukadam
.3 Total no. of sweepers/ Pourakarmikas/ labourers/ Mukadam/ Jathedars/ Daffedars, etc.	245
• <b>PRIVATISATION</b>	
.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
• Details of NGO/ CBO/ Residential groups involved in any schemes/ projects initiated by municipal body in SWM/ clean city program	No
• <b>COST IMPLICATIONS IN SWM</b>	
.1 Expenditure (in Rupees/Year)	

	• Total cost of SWM services under various heads	No Information
	• Establishment including salaries, uniforms, <i>etc</i>	Rs. 81,48,000
	• Tools, equipment, and consumables including disinfectant	Rs. 5,90,000
	• Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, <i>etc</i>	Rs. 3,60,000
	• Hiring charges for contractors' vehicle & machinery, bulldozers, JCBs, <i>etc</i>	Rs. 87,000
	• Other miscellaneous expenses	Rs. 20,000
.1	The above total cost in terms of following activities (Rupees/Year)	
	• Sweeping cost	Rs. 31,50,000
	• Collection cost	}
	• Transportation cost	} Rs. 60,35,000
	• Disposal / sanitary landfill cost	Rs. 20,000
	• <b>OTHER FACILITIES</b>	
.1	What facilities are provided for the following?	
	• Biomedical waste	Under consideration
	• Construction, demolition, debris and silt	Provide on cost basis
	• How many slums have been identified and whether there are provided with sanitation facilities?	20 slums identified and sanitation provided
	• <b>SPECIAL/ UNIQUE SCHEMES OR INITIATIVES<sup>1</sup></b>	
.1	Recycling schemes for plastic, PET bottles	No
.2	Encouraging community activity such as ALM <sup>2</sup> 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	Yes

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<sup>1</sup> Details of schemes can be provided on a separate sheet

<sup>2</sup> Advance Locality Management

.5 Development of tools and implements Yes

• **AWARENESS**

.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 Yes

• Recycled Plastics Manufacture and Usage Rules, 1999 Yes

• Biomedical Waste (Management and Handling) Rules, 1998 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.*