Name o	of City/Town:	Chandrapur		District:	Chandrapur (M.S)	
Name o	of Municipal Body:	Chandrapur Muncipal coun	cil	Division:	Nagpur	
Addres	s:	Chandrapur Muncipal Cour	ncil	State:	Maharashtra	
Teleph	one:			Fax:		
Email:				Website:		
•	DEMOGRAPHY					
.1	Name of Officer In-C	Charge	C.O.I	I.C. Chandra	pur	
.2	Area of Municipal Co (Please provide map municipal body) (km	showing legal limits of	56.40			
.3	No. of wards / zones	3	20/6	zones		
.4	Total population (as	per 1991 census)	2,26,	205		
.5	Total population (as	per 2001 census)	2,97,	612		
.6	Population		1,06,	973		
•	Urban					
•	Slums		1,06,	973		
.1	Floating population		30,00	0		
.2	Total no. of househo	bld	48,30	2		
.3	Average maximum t	emperature (°C)	-			
.4	Average minimum te	emperature (ºC)	-			
.5	Average yearly maxi	imum rainfall (mm)	-			
.6	Average maximum humidity			-		
.7	Average minimum h	umidity	-			
.8	Average depth of water table			-		
.9	Altitude (<i>i.e.</i> mean se	ea level)	-			

PROFORMA FOR SUBMITTING INFORMATION ON SOLID WASTE MANAGEMENT

•	GENERAT	ON OF MUNICIPAL SOLID WASTE	
.1	Total MSW	generation (MT/day)	100
.2	MSW gene	ration (gms/capita/day) per person	200
.3	Of the total	MSW generated	
•	Quantity of	domestic MSW (MT/day)	60%
•	Quantity of	commercial MSW (MT/day)	10%
•	-	industrial (non-toxic and non- waste (MT/day)	5%
•	Quantity of	waste from markets (MT/day)	20%
•	Quantity of (MT/day)	waste from hotels and restaurants	5%
.1	Compositio	n of MSW (Attach separate sheet)	
•	Physical ch	aracteristics	
	o Biode	gradable (%)	-
	o Paper	· (%)	-
	o Plasti	c (%)	-
	o Glass	(%)	-
	o Metal	(%)	-
	o Inert,	ash, debris (%)	-
	o Rags	(%)	-
	o Stone	(%)	-
	o Rubb e	er / Tyre (%)	-
	o Coco r	nut shell (%)	-
•	Chemical c	haracteristics	
	o Carbo	on (%)	-
	o Nitrog	en (%)	-
	o Phos p	phorous as P ₂ O ₅ (%)	-
	o Potas	sium as K_2O (%)	-
	o C/N ra	atio	-
	o Calor i	fic value (kCal/kg)	-
	o Dens i	ty of MSW (kg/m ³)	-
	o Moist	ure content (%)	-
•	SWEEPING	3	

.1	Total length of roads (with or without footpath) (km)	282.65
•	Total length of cement-concrete roads (km)	11.65
•	Total length of asphalted roads (km)	129.52
•	Total length of Kutchha roads (km)	141.69
.1	Total no. of sweepers employed	No information
•	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	-
.4	Sweeping waste is put in a	-
.5	Frequency of sweeping	-
.6	Total no. of wheel barrows provided	-
.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	-
.11	Any other equipment provided (<i>e.g.</i> spade, shovel, tikow)	-
.12	Protective gear provided (<i>e.g.</i> leather hand gloves, gumboots, mask)	-
•	COLLECTION, STORAGE AND TRANSPORTAT	ION
.1	Area covered for collection of MSW	56.40 sq.kms
.2	No. of households covered	48032
.3	No. of households covered under door-to-door collection (bell ringing)	20,000
.4	Is the collection carried out by municipal authority or private contractor or NGO?	Departmentally by the council
.5	Is the segregation is carried out at source?	No segregation collected in mixed
	If no, what steps have been taken?	-
.6	Total quantity collected (MT/day)	100
.7	MSW collected in mixed form (MT/day)	-

.8	MSW collected in segregated form (MT/day)	-
.9	Whether littering is prohibited by the municipality?	-
.10	Whether litterbins are provided?	-
.11	Frequency of waste collection	-
.12	Is waste collected every day <i>i.e.</i> 7 days a year?	-
	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)	-
	If no, mention details	-
.16	Whether the lifting of waste from the bins is manual or mechanical?	-

.17 Vehicle de	etails		
Dumper placer (with 4.5 m ³ / 8 m ³ containers)			
Open truck			
Open truck with tipping			
Tractor-trailer without tipping			
Auto rickshaw with or without tipping			
Tricycle with or without tipping			
Any other type (please mention)			

.18 Col	lection 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
Compactor (mobile)	-	-	-	-	-	-	-	-
Dumper placer (with 2.5 m ³ containers)	-	-	-	-	-	-	-	-
Dumper placer (with 4.5 m ³ / 7 m ³ containers)	-	-	-	-	-	-	-	-
Open truck	6	-	3	3	50 kms	54	-	-
Open truck with tipping	1	-	10	1	50 kms	10	-	-
Tractor- trailer with tipping	3	-	3	3	50 kms	27	-	-
Tractor- trailer withou tipping	- t	-	-	-	-	-	-	-
Auto rickshaw with/ without tipping	-	-		-	-	-	-	-
Tricycle with/without tipping	-	-	-	-	-	-	-	-
Any other type	-	-	-	-	-	-	-	-
Total								
	e vehicles are o ered with tempo	-	-	hey Yes/N	No			
• co	LLECTION SY	STEM						
.1 App	proximate MSW	collected (N	ИT)	-				
0	Household (u							

	o Slums	
	 Street sweeping 	-
	 Shops & commercial establishments 	-
	o Markets	-
	 Hotels, restaurants, eating housesGardens, parks, fairs 	
	o Slaughter houses	-
	• Building sites (debris, earth, etc.)	-
.2	No. of premises / establishments	-
	o Households	-
	 Shops, commercial establishments 	-
	 Slums, households, population 	-
	 Vegetable and fruit markets 	-
	 Fish and meat markets 	-
	o Hawkers	-
.3	No. of hotels, restaurants, eating houses	-
	o Grade / class I	-
	o Grade / class II	-
	o Grade / class III	-
	o No. of star hotels	-
.4	Guesthouses	-
.5	Marriage halls	-
.6	Hostels	-
.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	-

•		PROCESSING AND DISPOSAL OF MSW	
.1		Total quantity of MSW processed (MT/day)	-
.2		Technology / technologies adopted	-
	0	Composting (MT/day)	No
	0	Vermiculture (MT/day)	No
	0	Pelletisation (MT/day)	-
	0	Waste to energy (MT/day)	-
.3		Composting	-
		Compost produced (MT/year)	-
		Is it done mechanically?	-
		Is it the compost sold?	-
		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?	-
		If yes, the quantity sold (MT/year)	-
	•	Total revenue generated (Rupees/year)	-
.1		Pelletisation	-
		Pellets produced (MT/day)	-
		Are the pellets sold?	-
		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	ONE
	Whether municipality legally owns them?	-
•	Area of each dumping ground/ landfill site	10 Acres land
•	Whether the area will be sufficient for next 25 years	-
•	If no, then what steps have been taken to acquire land?	-
•	Distance (in km) of dumping ground / landfill site from …	5-7 km
	o Habitation	-
	• Drinking water source	-
	• Religious or monument places	-
•	Distance from airport or airbase	-
•	Has it been designed scientifically	-
•	Has the existing dumping ground been upgraded as required by MSW Rules, 2000	-
	If no, what steps have been taken (provide details)	-
.1	Whether the following facilities are provided	-
•	Weighbridge	-
•	Fencing	-
•	Approach roads/ internal roads	-
•	Lighting facility	-
•	Site office with monitoring equipment	-
•	Managerial staff and manpower	-
•	Covering material used daily as per Rules 2000	-
	Is it available in sufficient quantity?	-

•	Gas venting arrangement	Not available
•	Leachate collection system	Provision not made
•	INSTITUTIONAL ARRANGEMENTS	
.1	SWM services provided in the city/town by	Health
.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>)	No information
.3	Total no. of sweepers/ Pourakarmikas/ labourers/ Mukadam/ Jathedars/ Daffedars, <i>etc</i> .	No information
.4	Organisational structure	-
•	PRIVATISATION	
.1	Whether any of the following service is privatised?	
•	Sweeping	Yes
•	Door-to-door collection	Yes
•	Community collection	Yes
•	Transportation	Yes
•	Processing of MAW	No
•	Sanitary landfilling	-
	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	
.1	Expenditure (in Rupees/Year)	

	•	Total cost of SWM services under various heads	
	•	Establishment including salaries, uniforms, etc	320.40 lakhs
	•	Tools, equipment, and consumables including disinfectant	8.53 lakhs
	•	Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, <i>etc</i>	24.32 lakhs
	•	Hiring charges for contractors' vehicle & machinery, bulldozers, JCBs, <i>etc</i>	7.60 lakhs
	•	Other miscellaneous expenses	24.15 lakhs
.1		The above total cost in terms of following activities (Rupees/Year)	
	•	Sweeping cost	320.40 lakhs
	•	Collection cost	8.53 lakhs
	•	Transportation cost	24.32 lakhs
	•	Processing cost	7.60 lakhs
	•	Disposal / sanitary landfill cost	24.15 lakhs
.1		Cost recovery	
	•	Tipping fee or trade refuse charges (Rupees/Year)	Nil
	•	Revenue generation (by sale of compost, vermi-compost, energy/ gas, <i>etc.</i> (Rupees/Year)	-
	•	Annual expenditure for SWM services	385 lakhs
		Cost of SWM services in Rupees per capita per year	129.4
		Cost of SWM services in Rupees per tonne of MSW	1054.8
•		OTHER FACILITIES	
.1		What facilities are provided for the following?	-
Ļ			

•	Biomedical waste	No
•	Diary related activities	No
•	Slaughter house and unauthorised slaughtering	2 workers
•	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 actions?	-
	Recovery of administrative charges	-
	Fines under Municipal/Police Act	-
	Recourse to Municipal Act bye-laws	-
•	Whether any cases are registered and settled 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 INITIATIVES	5 ¹
.1	Recycling schemes for plastic, PET bottles	-
.2	Encouraging community activity such as ALM ² formation	-
.3	Encouraging people's participation by building- 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 and safety issue	-
.5	Development of tools and implements	-
.6	Please provide list of potential NGO for implementing any of the initiatives (any association registered with municipal body/ unregistered local area management)	-

¹ Details of schemes can be provided on a separate sheet

² Advance Locality Management

•	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	-
•	Recycled Plastics Manufacture and Usage Rules, 1999	-
•	Biomedical Waste (Management and Handling) Rules, 1998	-
•	Coastal Regulatory Zones Rules, 1991 (amended up to 2002)	-
	Place: Mumbai	
	Date: 19- 1- 2005	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*.