

**TA 7055-IND: Capacity Development of the National Capital Region
Planning Board**

Data/Information required relating SWM of Ghaziabad
Details to be filled by SrHO/HO/transport officer

A. Primary Collection						
1	Designation	TotalNo.	Regular	Temporary	Male	Female
	Sweepers					
	Drain cleaners					
	Push cart carrier					
	Waste collectors With vehicle					
	supervisors					
	Sanitary inspectors					
	--do--gr II					
	--do--gr III					
	If any other					
	--do---					
	--do---					
2. Area covered with solid waste collection (In sqKm)(attach map showing covered and uncovered areas)						
3. Population covered at present with solid waste collection system						
4. Households covered at present with solid waste collection system						
5. Street length Covered (Km) at present with solid waste collection system						
6. Drain length Covered (Km) at present with solid waste collection system						
7. Uncovered area (sq kms and %), uncovered street and drain length (Km)						
8. Uncovered Population						
9. Uncovered Household						
10(a) Annual expenditure spent on worker's (include supervisors also) salaries (Rs)						
(b) Annual amount spent on worker's uniform, fringe benefits (Rs)						
© Annual amount spent on purchase and upkeep of equipment and accessories of workers (Rs)						
10. Amount Spent on Primary Collection Per Annum (Rs) (including all fringe benefits as bonus and workers uniform, equipment etc) (10 a+b+c)						
11. annual waste quantity collected per annum (MT)						
12. Cost per MT on primary collection Rs/MT (10/11)						
13. Work norm/Office order mentioning duties and responsibilities of workers/supervisors (attach copy)						
14. how many administrative areas for sanitation (attach map and copy)						
15. how many are covered by house to house collection						

16. details of available equipment (fill)- Brooms(.....),pushcarts(--), shovels(...),spades(...,any other(...),any other(...), uniform(...), gloves(...), gumboots(...)			
B. Secondary collection			
1.	Total number of bins(fill type with capacity)	Nos (fill).	
a	Type 1		
b	Type 2		
c	Type 3		
d	Open collection points		
e	Total collection points		
2	Total workers for emptying into transporting vehicles(if any)		
a	Regular		
b	Temporary		
c	Any other		
3.	Amount spent on secondary collection per annum(Rs) including all fringe benefits		
4.	Quantity collected per annum (MT)		
5.	Secondary collection cost Rs per MT(3/4)		
C. Transportation			
1.	Total drivers for SWM		
a.	Regular		
b.	Temporary		
c.	Annual expenditure on salary and other fringe benefits (Rs)(1a+1b)		
2.	Total workshop staff(give details also)		
a.	Regular		
b.	Temporary		
c.	Total amount on staff (including all annual facilities like bonus etc)		
d	Fuel consumption and cost (per annum) KI/Rs		
e.	Spare parts/repairing expenditure(Rs)		
f.	Annual Budget for outsource repairing(Rs)		
g.	Any other cost(Rs)		
h.	Total Annual expenditure(Rs)(2c+2d+2e+2f+2g)		
i.	Total annual waste quantity transported (MT) 2007 -08		
j.	Transportation Cost Rs/MT(h/i)		
k.	List of vehicle for SWM transportation only		

	type	Make and year	Nos.	Waste carrying capacity (MT)	Average number of trips per day	Fuel consumption Lt/km	
	Compactors						
	Dumper placers						
	Open tippers						
	Tractor cum trailer						
	Road sweepers						
	Any other 1						
	Any other 2						
D. Processing and Landfill Site Management							
1.	Total number of workers (category wise) Drivers (....), attendants (....) workers (.....) Any other (....)						
a.	Permanent						
b.	Temporary						
c.	Cost on salary and other expenses annually (Rs)						
d.	Number and type of vehicles for processing/land filling						
e.	Annual consumption of fuel (k l)						
f.	Annual expenditure on fuel and lubricants						
g.	Annual expenditure on repairing etc						
h.	Total annual expenditure on processing and land filling operations(Rs) (c+f+g)						
i.	Amount of waste processed/land filled per annum in 2007-08 (in MT)						
j.	Processing and Disposal Cost /MT(h/i)						
E	Map with area and dimension for existing processing plant and land fill site(show dimensions, virgin and exhausted area) with present operation and management system in use						
F	Ghaziabad city Map showing internal streets and secondary collection points, route of vehicles						
G	Information about leach ate ,fire incidents at dumping site						
H	Map showing proposed processing plant and						

	landfill site, area		
I	How monitoring and supervision is done- any formats, operation and management guidelines,		
i	Work norms		
ii	Arrangement for daily reporting for collection		
iii	Arrangement for daily reporting for transportation		
iv	--do—for dumping site		
v	How fuel is distributed to vehicles and verification arrangements		
vi	How much waste is collected every day / MT		
vii	How much waste is transported every day/ MT		
viii	Waste actually arrived at dumping site/MT		
J	Existing Institutional arrangement		
i	Duties and responsibilities of SrHO/HOs/Transport officer of GMC		
ii	Sanctioning power of workshop / repairing		
iii	Who is responsible for purchase of sweeper's equipment?		
iv	Who is responsible for transportation equipment and operation and maintenance of same?		
v	What are equipment at dumping site and who is responsible for upkeep and operation?		
vi	Is any one person responsible for entire SWM activities?		
K	Any arrangement for private sector/NGO participation –give detail		
l	Any project report/ DPR prepared for SWM activity, please enclose copy		
m	Arrangement for service charges/ user recovery charges?		
n	What is budget head for recovery of SWM charges?		
o	Any arrangement for mass awareness		
p	Any training arrangement for staff		