

IconSWM Award of Excellence in SWM 2009 for ULB - QUESTIONNAIRE FORM

First International Conference on SOLID WASTE MANAGEMENT

and Exhibition on Municipal Services, Urban Development and Public Works

www.iconswm.com

during November 4 - 6, 2009 at Netaji Indoor Stadium and Khudiram Anushilan Kendra, Kolkata, India



Organised by
CENTRE FOR QUALITY MANAGEMENT SYSTEM
JADAVPUR UNIVERSITY, KOLKATA

In collaboration with



Central Pollution Control Board



Jawahar Lal Nehru National Urban Renewal Mission



Department of Urban Development, Government of India



Department of Environment, Government of West Bengal



Central Board for Workers Education, Ministry of Labour & Employment, Government of India



Kolkata Metropolitan Development Authority



Please fill in the questionnaire form and send in email : conference.swmwg5@gmail.com with copy to conference.swm2010@gmail.com by 05.09.2009.

Send registration fees of Rs. 10,000/- by demand draft in favour of "IconSWM" payable at Kolkata along with the hard copy of the filled in questionnaire form to the following address. The registration may also be made online. www.iconswm.com. The Chairperson, WG 5, IconSWM; Centre for quality management system, Blue Earth Workshop, Jadavpur University, Kolkata 700032.

a. Name of the ULB

b. Address of the ULB

c. Phone no and E Mail id:

Signature of authorized person of the ULB

In Cooperation with



A. Municipal Solid Waste			
1	Name of the Urban Local Body (ULB)		
2	State:		
3	Total Area of ULB (in Sq Km):		
4	Demography:- (as per 2001 census)		
	(a) Total Population	(b) Total Slum Population	
	(c) Population Growth Rate (last decade)		
5	Detailed administrative Structure of the ULB:- (Please tick)	i)The town is a State Capital / District Head Quarter / Sub-divisional town/ others ii)The ULB is headed by Mayor/ Commissioner / Chief Executive Officer /Chairman/ Administrator / other (Please Specify) iii)The ULB presently run by Elected Body / non-elected Body	
6	No. of Holdings	i) Residential ii) Institutional iii) Commercial iv) Industrial v) Others Total	
7	Markets	Type	Nos.
		Daily Markets	
		Food & Vegetable daily Markets	
		Wholesale Commodity Market	
	Daily waste Quantity		

7 Contd	Markets	Commercial Complex		
		Others		
		Total		
8	Industries	i) Large Scale	ii) Medium Scale	
		iii) Small Scale	iv) Tinny/ Cottage	
9	No. of Hotels and Rooms			
10	Total Quantity of Solid Waste Generated per Day (approx.): Metric Ton per Day		
11	Has the Municipality ever examined the characteristics of waste? If yes please Give an average characteristics of Municipal solid waste of the town Yes / No	If yes : i) Plastic% ii) Paper and paper Board% iii) Metals% iv) Stone and bricks% v) Food Waste% vi) Agricultural Waste.....% vii) Ash and Earth% viii) Wood% ix) Cloth and Textiles% x) Batteries / Electronic items% xi) Rubber and Leather% xii) Green Coconut Shells% xiii) Glass.....% xiv)Others.....%		
12	Total number of employees in ULB (including contractual)	(a) Total Permanent Employees(b) Total Contractual Employees		
13	Total No. of Employees Posted for Solid Waste / Conservancy work of ULB area.	Permanent	Contractual	
14	Financial Allocations for SWM			
15	(a) Total annual Budget of ULB (Rs. in lakhs)	Year 2009-2010 - Rs.;Year 2008-2009 - Rs.;Year 2007-2008 Rs.....		
	(b) Budgetary allocations for SWM in Last 3 years (Rs. in lakhs)	Year 2009-2010 - Rs.;Year 2008-2009 - Rs.;Year 2007-2008 Rs.....		

15 Cotn.	(c) Funding received from bodies other than GOI & State Govts for SWM projects (Rs.in lakhs)	Year 2009-2010 - Rs.;Year 2008-2009 - Rs.;Year 2007-2008 Rs.....			
16	Are the SWM projects implemented till now financially sustainable?	(Yes / No) ; Specify reasons:			
17	Name of the SWM projects implemented by the ULB (Please state the capacity, capital cost, O & M cost & the method)				
	Name of the SWM projects implemented by the ULB	capacity	capital cost (in Lakh)	O & M cost (in Lakh)	the method
18	Approximate yearly Revenue earnings /cost realization from Waste Handling	Particulars		Yearly Revenue Earnings (Rs. In lakh)	Remarks
		Realization of Collection (Rates)			
		Revenue from Compost Manure			
		Selling Electricity			

18	Approximate yearly Revenue earnings /cost realization from Waste Handling	Realization of Collection (Rates)		Yearly Revenue Earnings (Rs. In lakh)	Remarks
		From Recyclables			
		Selling RDF			
		Miscellaneous			
		Cess-Pool Emptier			
		Final disposal			
		Total Revenue			
19	Human Resource Aspects:				
	(a) No. of Training and Capacity Building Programmes participated by SWM Employees of the ULB during 2008 - 09.				
	(b) Are the SWM employees provided with protective gear:				
	i. Glove: Yes / No	ii. Footwear: Yes/No	iii. Masks: Yes / No	iv. Water Proof Protective Clothing :Yes/No	
	(c) Have the SWM Employees been provided training to handle Hospital Waste: Yes/No		(d) Have the SWM Employees been provided training to handle Hazardous Waste :Yes/No		
	(e) Have the SWM Employees been provided training to handle e-Waste :Yes/No		(f) Are the SWM employees provided with Health Insurance : Yes/No		
	(g) Do waste collection workers undergo medical checkup periodically : Yes/No				

19 Cont.	Human Resource Aspects:		
	(h) Does the ULB organize medical checkup Camps for SWM workers :Yes/No		
	i) Are the waste handles immunized properly : Yes/No	(j) No. of programmes initiated by ULB for mass education & general awareness to the General Public on SWM in last three years : Yes / No	(k) List of other initiatives taken by ULB for SWM? : Yes / No
20	Are NGOs, CBOs / citizens organizations involved in the awareness and capacity building : Yes/No		
21	Indicate the ongoing projects on SWM (Please explain)		
22	Capital Investment (Project Work) made in SWM last three years		
23	SWM Projects under Public Private Partnership if any?	i) ii) iii) iv) v)	

24	Total No. of Vehicles	Particulars	Capacity	Nos. Operating				Remarks if any
				Own	Hired	Private	Total	
		Hydraulic Dumper						
		Hydraulic Dumper placer						
		Dumper Truck						
		Covered Truck						
		Ordinary Truck						
		Tractor						
		Refuse Trailer (covered)						
		Refuse Trailer (uncovered)						
		Try-Cycle Van						
		Wheel Barrows						
		Community Bins (roadside)						
		Bulldozer / Pay-loader						
		Hydraulic Dumper Container						
		Waste Compactor						
		Cesspool Emptier						
		Mechanical Road Sweeping Machine						
		Sewer Sucker						
		Any other (Please specify)						
(a) No. of Vehicles fitted with GPS Device								

25	Is there any outsourcing agency or PPP model for (please specify)		
	i) Collection of Waste : Yes/No	iii) Processing of waste : Yes/No,	v) Recovery of recyclables : Yes/No
	ii) Transportation of waste : Yes/No	iv) Disposal of waste : Yes/No,	vi) Recovery of e-waste : Yes/No
26	Process of Collection of Solid Waste (Please specify in %)	(a) House to House	
		(b) Collection spots and Bins	
27	Waste Collection		
	(a) Is garden waste collected separately : Yes / No	(c) Is hospital waste collected separately : Yes/No	
	(b) Is hotel waste collected separately : Yes/No	d) is construction debris collected separately : Yes/No	
28	Is the Solid waste segregated? If yes where is it done? : Yes/No	(a) At the source (household level) (b) At collection Spots (c) At disposal site	
29	Is there any facility for reuse of construction debris (Please specify)	Yes/No,	
30	Does the ULB also handle Industrial Solid Waste : Yes/No, if yes	<input type="checkbox"/> by Municipality <input type="checkbox"/> by separate agency <input type="checkbox"/> by PPP	
	Handling of Industrial Waste		
	(a) Is the industrial Solid waste collected Separately : Yes/No	(b) Is the industrial Solid waste disposed separately : Yes/No	(c) Method of disposal of industrial Solid Waste (please explain) : Yes/No
31	How the compost rejections/non degradable matters is disposed? (please specify)	i) Recycling ii) Sanitary landfills iii) Uncontrolled dumping iv) Protective landfills	
	v) Incineration facility if any	Capacity	
		Number of furnace	
		Quantity of waste handles	

32	Details of the landfill site	Area	Amount of waste dumped daily
		Distance from residential area	Distance from the water body
33	How the biodegradable waste is disposed?	i) Windrow Composting iv) None	ii) Vermicomposting iii) Methane Generation
34	Is there any facility to generate electricity from Waste (please specify)	Yes/No,	
35	Is there a tie up with the local farmers for composting of Biodegradable waste?	Yes/No, (please specify)	
36	Has the ULB implemented any new / state of art technology for the solid waste management? If yes give details of the technology	If Yes, give a brief Description :	
37	Approximate yearly Operation and Maintenance Cost:	Particulars	Yearly Cost (Rs. per ton)
		Collection	
		Transportation	
		Processing	
		Final disposal	
		Monitoring	
		Miscellaneous	
		Total	
		Remarks	

38	Has the ULB Implemented e-governance in SWM		Yes / No
	If yes, state the applicability of e-governance system for SWM		
	· To address the complaints		
	· To track the location/ward/area		
	· To maintain MIS for collection transportation & disposal of Solid waste		
· Other			
39	Present Municipal Drainage and Sanitation System :		
	A. Latrine System		
	i) No. of Service Latrines :		iii) No. Sewerage Line Connection :
	ii) No. of Septic Tanks :		iv) No. of Pay and Use/ Community Toilets :
40	B. Drainage System (Please Tick where applicable)		
	The Town is Covered by (Please specify in %)		
	a) Underground Sewer System : i) Completely ii) Partly		b) Covered Surface Drain : i) Completely ii) Partly
	c) Open Surface Drain : i) Completely ii) Partly		iv) Facilities Available for treatment of Sewage : Yes /No
	If yes type of Sewage Treatment Plant and its capacity :		

40 Contd .	Is there any Facility for Re-cycling the reusable (Please give brief description)		
41	Septic Tank Sewage Disposal System followed presently : Please specify		
	Slaughter house waste Disposal System followed presently : Please specify		
	Does the ULB sweep its roads : Yes / No - twice a week / thrice a week / daily		Does ULB wash its important roads everyday : Yes/No
	Has the ULB got any Carbon Trading certificate under CDM : Yes/No		
42	Do the ULB organise any community cleaning day at regular intervals : Yes/No		
43	Has the ULB got the clearance from PCB	Yes / No	
B.	Bio-Medical Waste		
1	No of Hospitals	i) Govt Hospitals (Nos) :	No. of beds :
		II) Private Nursing Homes / Clinics (Nos) :	No. of beds :
		III) Pathological Clinic(Nos) :	
2	Total Quantity of Bio-medical Waste collected from hospitals		
3	Present Hospital/ Pathological or Clinical Waste collection System :		
	a) Waste is segregated at the point of generation : Yes/No		c) Waste cleaning intervals : Yes/No
	b) Waste is Collected separately : Yes/No	d) Hospital/ Pathological or Clinical Waste is Transported to disposal site in Covered Vehicle : Yes/No	
4	Are the Hospital authorities following the color coding for collection of waste : Yes/No		

5	Hospital/ Pathological or Clinical Waste is disposed of by	
	a) Open Dumping : Yes / No	d) Autoclave: Yes / No
	b) Disinfection and secured burial : Yes / No	e) Microwave: Yes / No
	c) Incineration : Yes / No	
6	Is there any outsourcing agency or PPP model for (please specify)	
	i) Collection of Waste : Yes/No,	iii) Disposal of waste : Yes/No,
	ii) Transportation of waste : Yes/No,	

Any Special Remarks by ULB :

Seal of the ULB

Date :

Place :

Signature of Mayor / Chairperson / Commissioner / CEO / Secretary