

RFP/066/IND-2018
ANNEXURE 1: Ward Wise

Town/City:

Municipality/Municipal Corporation:

DISTRICT:

STATE:

Sl. No.	Names and No. of the Ward	Address and Contact No	GPS Coordinate of centre point		Average Plastic Waste Generated per day in kg	What type of plastic waste (bottles, bags, cans, wrappers etc)
			Latitude	Longitude		
1.						
2.						
3.						

Remarks:

(Insert more rows as necessary)

.....

ANNEXURE 2: Function/Community Halls/Marriage Halls

Town/City:

Municipality/Municipal Corporation:

DISTRICT:

STATE:

Sl. No.	Names	Address and Contact No	GPS Coordinate of centre point		Average Plastic Waste Generated per day in kg	What type of plastic waste (bottles, bags, cans, wrappers etc.)
			Lat	Long		
1.						
2.						
3.						

Remarks:

(Insert more rows as necessary)

.....

ANNEXURE 3: Vegetable Markets/Yard etc.

Town/City:

Municipality/Municipal Corporation:

DISTRICT:

STATE:

Sl. No.	Names	Type	Address and Contact No	GPS Coordinate		Average Plastic Waste Generated per day in kg	What type of plastic waste (bottles, bags, cans, wrappers etc)
		Daily/Fortnightly/Weekly		Lat	Long		
1.							
2.							
3.							

Remarks:

(Insert more rows as necessary)

.....

ANNEXURE 4: Hotels etc.

Town/City:

Municipality/Municipal Corporation:

DISTRICT:

STATE:

Sl. No.	Names	Address and Contact No	GPS Coordinate		Average Plastic Waste Generated per day in kg	What type of plastic waste (bottles, bags, cans, wrappers etc.)
			Lat	Long		
1.						
2.						

Remarks:

(Insert more rows as necessary)

.....

ANNEXURE 5: Tourist Areas/Spots

Town/City:

Municipality/Municipal Corporation:

DISTRICT:

STATE:

Sl. No.	Names	Address and Contact No	GPS Coordinate		Average Plastic Waste Generated per day in kg	What type of plastic waste (bottles, bags, cans, wrappers etc.)
			Lat	Long		
1.						
2.						
3.						

Remarks:

(Insert more rows as necessary)

.....

Similarly, for the others as mentioned Streets; Hospitals etc....

Annexures 1 to 5, etc. can be merged in single format as follows:

Town/City:

Municipality/Municipal Corporation:

DISTRICT:

STATE:

Sl. No.	Particulars (Names, Id. No. etc.)	Address and Contact No	Frequency of operation *	GPS Coordinate of centre point		Details of plastic waste generated per day in kg							
				Latitude	Longitude	Total	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7
A. Ward wise													
B. Function/Community Halls/Marriage Halls													
C. Vegetable Markets/Yard etc.													
D. Hospitals / Pvt. Clinic / Nursing homes													
E. Offices (both Government and Private) same will be continued for other categories as listed below.													

* Daily, weekly, fortnightly, weekly

- F. Ward wise
- G. Function/Community Halls/Marriage Halls
- H. Vegetable Markets/Yard etc.
- I. Hotels etc.
- J. Tourist Areas/Spots
- K. School /colleges
- L. Hospitals / Pvt. Clinic / Nursing homes
- M. Private Coaching Centers
- N. Offices (both Govt and Pvt.)
- O. Banks and Financial
- P. Institutions
- Q. Religious institutions (Temples, Churches, Gurdwaras, Masjid etc.)
- R. Markets/Shopping Malls
- S. Market Yards (Mandis)
- T. Academic Institutions
- U. Gardens and Parks
- V. Public Places (define each) as lakes and Railway Station etc.
- W. Marriage Facilities/Community Halls
- X. Hotels and Restaurants etc.
- Y. Small Vendors ward wise
- Z. Urban Slums
- AA. Places of Tourism
- BB. Railway Station
- CC. Airports
- DD. Bus Terminals
- EE. Add other points

ANNEXURE 6

BASELINE INFORMATION SHEET

TOWN/CITY:

MUNICIPALITY/MUNICIPAL CORPORATION:

DISTRICT:

STATE:

I. Background:

1. Assess the current Municipal Structure
 - 1.1. What is the structure of the Municipal body?
 - 1.2. What is the strength of the municipal staff including the safai mitras?
 - 1.3. How many wards in the city?
 - 1.4. What are the different kinds of waste generators the municipality caters to?
 - 1.5. What is the role of the Municipality in the city?
 - 1.5.1. Facilitator of SWM services
 - 1.5.2. Executioner of SWM services
 - 1.6. If facilitators - then who executes on behalf of the Municipality? (Local contractors, NGOs etc.)
 - 1.7. What are the SWM services currently offered in the city?
 - 1.7.1. Door to door collection
 - 1.7.2. Street sweeping
 - 1.7.3. Other please list
 - 1.8. What is the annual Municipal Budget for SWM? Any big ticket items
2. Assess the waste stream
 - 2.1. What is the current daily output of waste in the city?
 - 2.2. Is the waste segregated into dry, wet, reject?
 - 2.3. How is the municipality working towards increasing the segregation levels?**
 - 2.3.1. If yes what is the approximate break up?
 - 2.4. How are the different streams of waste currently handled in the city? (Recycling, composting, waste to energy etc.)
 - 2.4.1. Plastic waste:
 - 2.4.2. Dry waste:
 - 2.4.3. Wet Waste:
 - 2.4.4. Reject:
 - 2.4.5. Construction & Demolition waste:
 - 2.5. Explain the flow of waste from collection till end processing or landfill?
 - 2.6. Are there any centralized/ decentralized facilities?
 - 2.7. If yes how are they positioned in the city and their numbers?
 - 2.8. Are there any steps taken towards to curb improper waste disposal/dumping by citizens, commercial organizations etc.?

- 2.9. What are some of the key operational challenges faced in terms of waste collection and processing?
3. Assess the socio-economic scenario for waste pickers
 - 3.1. What is the socio-economic scenario of municipal workers (safai mitras)?
 - 3.2. What wages and benefits do they get?
 - 3.3. Do they use PPE (personal protective equipment)?
 - 3.4. Are there waste pickers in the city?
 - 3.5. What is the estimate of Waste Pickers (total) and Linked with Municipality (on payment Roles), give separate figures for men and women
 - 3.6. Waste Pickers living colonies marked on the city map, how many and population: Attach separately
 - 3.7. How do they primarily operate?
 - 3.8. Are there any social organizations/ NGOs or individuals working with them?
 - 3.9. List the name of these organizations/NGOs?
 - 3.10. Has the Municipality taken any initiative to integrate them in the formal sector?
 - 3.11. Will the Municipality be willing to take up initiative to formalize their work?
4. Assess the Citizen's awareness level
 - 4.1. Do citizens understand the importance of segregation?
 - 4.2. List some of the challenges in spreading awareness and enforcement of segregation
 - 4.3. Does the municipality conduct any Information, education and communication programs for citizen awareness? If yes can you list some of the initiatives and how are they executed
 - 4.4. Are there any social organizations working on citizen awareness? If yes can you list them?
5. Leveraging technology
 - 5.1. Is the municipality leveraging IT for operations governance and building traceability in the waste stream? If yes, please list.
6. Special initiatives
 - 6.1. Any special initiatives taken by the Municipality in the domain of Solid Waste Management?
 - 6.2. Contact details of all key municipal stake holders, NGO partners, and other relevant stakeholders
 - 6.3. Site visit to any operational site (DWCC, transfer stations etc.) to make note and observe processes

II. City & Ward Information

- 1.1. No of wards:
- 1.2. No of households and population Ward Wise: Attach separately
- 1.3. No of Registered Resident Welfare Associations (RWAs):
- 1.4. Total Area of the City/Town:
- 1.5. Map of the Town/City: Attach separately

- 1.6. Details of all the relevant municipality officials and councilors and with Tele Nos: Attach separately
- 1.7. Recycling areas marked and landfills sites; common dumping site for waste management. Attach separately on the revenue map of the City.
- 1.8. No of ward wise dumping points: Insert more rows as necessary

SI No	Ward No / Name	Particulars of waste dumping sites/ points	Qty of Waste in Kgs per month per dumping point/site	No Of waste pickers per dumping site - On Municipality Roles - Informal Roles/Contractors	Remarks

1.11 No. of Habitats – Generation of Plastic Waste quantities. **{Average plastic waste generated/person/day:}. This is ward wise?**

S. No	Particulars	Nos	Amount of plastic waste generated Kgs/ per month	Type of Plastic Waste Generated
	Hospitals / private clinics / Nursing homes			
	Colleges			
	Schools			
	Private Coaching Centers			
	Offices (both Govt and Pvt.)			
	Banks and Financial Institutions			
	Judicial courts			
	Post office			
	Religious organizations (Temples, Churches, Gurdwaras, Masjid etc.)			
	Markets/Shopping Malls			
	Market Yards (Mandis)			
	Academic Institutions			
	Gardens and Parks			

	Public Places (define each) as lakes, gardens, parks, etc.			
	Marriage Facilities/Community Halls			
	Hotels and Restaurants etc.			
	Small Vendors ward wise			
	Urban Slums			
	Places of Tourism			
	Railway Station			
	Airports			
	Bus Terminals			
	Add other points			

2 Plastic Waste Generation during Festivals/Fairs/Special Days/Political Rallies etc. {Average plastic waste generated/person/day}: This is ward wise?**

- 2.1 Name of Festival/Fair/Special Day:
- 2.2 Location of the program:
- 2.3 Is it a single day or multiple day program:
- 2.4 Amount of plastic waste generated:

***These data can be collected from the Municipality or other authentic sources, if the festivities do not coincide with the survey period.*

3 VOLUNTARY ORGANISATION (NGO/Yubak Sangha/Community Based Organizations/Self Help Groups) – {Average plastic waste generated/person/day}: This is ward wise in the city?

This can be in tabular form.

- 2.1 Name of organization:
- 2.2 Type of organization:
- 2.3 Operational since:
- 2.4 No of staff:
- 2.5 Its activities:
- 2.6 On ground working experience on waste management, especially on plastic management:
- 2.7 Do they established network of ragpickers and waste collectors in place in the city:

4 Plastic Waste Recyclers

- 4.1 Name of the Plastic Waste Recycler:
- 4.2 Address and Contact No of Recycler:
- 4.3 What type of machinery installed and number:
- 4.4 Total daily capacity of plastic waste processing potential:
- 4.5 Total daily amount of plastic waste processed:
- 4.6 What type of plastic used as raw materials:
- 4.7 What is manufactured by the recycling units:
- 4.8 Area of recycling unit:
- 4.9 How many manpower they have for operational activities:
- 4.10 What is their financial turn over:

5 Plastic Waste End Users

- 5.1 Name of the end user:
- 5.2 Address and contact no of end user:
- 5.3 Type of end user (cement plant/brick kilns/road construction company/others):
- 5.4 Total daily capacity of plastic waste processing potential:
- 5.5 Total daily amount of plastic waste processed:

5.6 cost paid for each type of material: