

Annexure 1

Methodology

Registration of Wastepickers and Enumeration of Scrap Dealers within BBMP Jurisdiction

The registration of wastepickers, itinerant buyers and enumeration of scrap dealers in BBMP area has to be under taken with the methodologies suggested in this document.

This document describes the methodology and has two forms that will be administered for collecting the data.

- Form A is for registering wastepickers and itinerant scrap buyers
- Form B is for enumerating scrap dealers.

1. Definition of informal waste workers and scrap dealers

- Waste-pickers / ragpickers retrieve paper, plastic, metal and glass scrap from waste bins or receptacles or containers that are provided by the municipalities for the disposal of waste on the street, and from landfill sites where the collected waste is transported and dumped.
- Itinerant buyers purchase small quantities of scrap from households, offices, shops and other small commercial establishments.
- Sorters at scrap shops who segregate recyclable material at scrap shops.**
- Waste collectors who are engaged in segregating waste from BBMP auto rickshaws/trucks (not contract workers)**
- Retail scrap dealers or small junk dealers purchase scrap commodities by weight or unit.

2. Estimation

- It is estimated that Bangalore has approximately 15,000- 20,000 wastepickers. This includes both locals and migrant workers.
- It is estimated that about 600 tons of waste is processed through the informal sector in Bangalore every day.

3. Registering Authority for wastepickers/ itinerant buyers/sorters at scrap shops/waste collectors on BBMP Auto rickshaws/trucks :

- The registration of wastepickers shall be carried out by Zonal Commissioners. He shall assign the actual work of registration to _____, who shall maintain the records of the wastepickers/ itinerant buyers and scrap dealers. Workers denied registration for any reason by _____ shall be free to approach the Zonal Commissioner for review. If the wastepickers are left out of this initial registration process, wastepickers can approach the Zonal Commissioner's office for registration process later. This will be a continuous and ongoing project.
- The registration of wastepickers can be facilitated by the people mentioned below in point iv. Registration includes - filling up of Application A for registration and verifying that the worker is a wastepicker / itinerant scrap buyer.

- iii. Every registration form will be verified. Every form will have introduction letter as detailed in clause 4 i (b). If the introduction letter is from a citizen the form A will filled by BBMP employee and visa versa.
- iv. The list of possible facilitators:
 - a. BBMP Sanitary Inspectors, Dafedars and any other employee of BBMP at ward level.
 - b. Waste pickers organizations' constituted under the Societies Act, Trade Union Act, Companies Act, Cooperative Societies Act;
 - c. Residents Welfare Association members;
 - d. Any citizen of Greater Bangalore interested in the welfare of wastepickers/ itinerant buyers.

4. Registration process

- i. Every wastepicker / ragpicker and itinerant buyer shall be eligible for registration subject to the fulfillment of the following conditions, namely:
 - a. He/she shall have completed fourteen years of age; and
 - b. A self declaration by him/her confirming that he or she is a waste picker along with any **one** of the following documents – 1 to 4 - to establish proof of occupation.
 - 1. A letter of introduction from any BBMP staff at the ward of the workers residence, Resident Welfare Association/commercial complex/ hotel management/company stating that the wastepicker/s are picking up waste from their premises or in the concerned ward.
 - 2. Membership of an organization that has as its objectives, the welfare and benefit of wastepickers and is constituted under the Societies Act, Trade Union Act, Companies Act, Cooperatives Act or any other Act in India. The membership must be current, and evidence of membership may be a current I-card of the organization or a receipt of payment of the dues of the year in which social security was applied for or a letter from the governing body of the organization stating that the individual is a member.
 - 3. A letter from the scrap trader/dealer to whom the wastepicker sells his/her scrap to, stating the occupation of the applicant.
 - 4. Any identity card issued by an authentic government body that states their occupation as 'wastepicker'.
- ii. Every eligible wastepicker/ragpicker / itinerant buyer shall make an application in the prescribed Form A (the information includes all requirements under Rule 12 of Unorganised Workers' Social Security Act) to the Registration Authority as mentioned in clause 3 (i) herein.
- iii. Every eligible wastepicker/ragpicker shall be registered and issued an identity card by the Zonal Commissioner of BBMP.

5. Issuing of ID cards:

- i. Identification card will be issued after due diligence by the _____ at ward level.
- ii. Due diligence includes scrutiny of the application by the wastepicker / itinerant buyer and a introduction letter from qualified persons as mentioned in clause 4 i (b) is/shall be qualified as verification.
- iii. The ID card will have the seal and signature of ----- at ward level.
- iv. The identification can be used only by an individual working as a wastepicker and itinerant buyer and allow for their eligibility for appropriate social security schemes.

6. Enumeration of scrap dealers:

- I. Each scrap dealer at ward level will be enumerated by Sanitary Inspectors of that ward with the help of Dafedars, NGOs, and RWA members.
- II. Form B appended below shall be filled by the enumerators and the data will be collated at the ward level by _____.
- III. The data will be analysed by qualified personnel for the amount of waste collected, types of waste, the movement of different kinds of scrap to understand the quantum of waste generated in the ward and the kinds of people selling recyclables at scrap shops like for example – residents/direct consumers, wastepickers, itinerant scrap dealers, etc.

INTRODUCTION LETTER

I _Ms./Mr. _____ am a RWA member/ employed /own a business and I know Ms./Mr. _____ who is a waste picker/itinerant buyer of waste in _____ ward (Ward No. _____) of the BBMP.

I have seen her/him doing this job for _____years/months.

OR

I have been doing business with this wastepicker/ itinerant buyer for _____

OR

He/ she are providing waste collection service to our residence/ business since _____.

Name of Introducer:

Signature:

Date:

Phone number:

Annexure II

FORM A - Registration of Wastepickers/ Itinerant Scrap Buyers

Ward Name:

Ward No:

Name and contact No. of the person filling the form:

Date of filling the Form:

General information:

Please tick any one of the two options as applicable to the individual being registered:

Wastepicker: Itinerant buyer sorters at scrap shops

waste collectors on BBMP Auto rickshaws/trucks

1. Full Name:

2. Address:

Present Address : _____
House number : _____
Street No / name : _____
Name of the Area : _____
Land marks : _____
Contact No : _____

Permanent Address:

House number : _____
Street No / name : _____
Name of the Area : _____
Land marks : _____
Contact No : _____

3. Gender: Male ____ Female ____ Other ____

4. Age/: _____ years Date of Birth (DD/MM/YY): _____

5. How long you have been waste picking / buying waste? (Please mention the number of years/months) _____ years _____ months

6. How often do you collect scrap/go waste picking

1. Every day
2. Two three times a week
3. Once a week
4. Occasionally

7. Do you have any of the following? If yes please specify the number

1. Voter registration card
2. Ration card
3. UID registration
4. PAN card
5. BPL number
6. Any other id?

8. Sources and quantities of waste

8.a. If a wastepicker / sorters at scrap shops /waste collectors on BBMP Auto rickshaws/trucks

(1) Among the below sources, how do you pick waste?

- a. Free roaming and migrant from other states (living in bangalore for less than 5 years)
- b. Free roaming living in Bangalore for more than 5 years
- c. Working as waste collector on BBMP Auto rickshaws/trucks
- d. Working as a sorter under a scrap dealer/ entrepreneur
- e. Picking waste at the landfill

(2) What are the kinds of waste you pick/sort?

- a. Plastic
- b. Road scrap
- c. Metal
- d. Wires
- e. Glass
- f. Paper
- g. Cardboard
- h. Others (describe)

(3) Where do you sell your collected waste:

- a. Name of scrap dealer?
- b. Address of scrap dealer
- c. Phone number of scrap dealer

8.b. If an itinerant buyer, please tick appropriate answers :

(1) Where do you buy your scrap from? (can be more than one place).

- a. Mostly households / mostly small establishments?
- b. Mostly offices/hotels/companies?
- c. Mostly industries?
- d. Please list any other place you buy scrap from –

(2) What is your daily capital?

(3) Who provides it? (Self or Scrap trader or any other specify)

(4) What are the amounts of waste you buy per week in Kg - Please tick list

- a. Paper – white
- b. News paper
- c. Plastic
- d. Bottles
- e. Metal
- f. Computer and other e waste
- g. Any other specify

9. How much do you earn : (please tick one)

Per day: Between Rs. 100 – 200 Rs. 200-300 Rs. 300 and above
Or
Per week: Between Rs. 300-400 Rs. 400-600 Rs. 600 and above

10. How do you transport your collected waste?

On shoulder / head Cycle Hand cart Motorised vehicle
If motorised vehicle then what is your daily expenditure on transport?

11. Level of Education

Class / Standard	Reasons for leaving

12. **Physical Disability:** Yes _____ No _____ Give details, if yes _____

13. Details of your family

Sl. No	Family members	Age	Relationship to you	Level of education	Are they involved in wastepicking? Y / N	Are they dependent on your income Y/N
1.						
2.						
3.						
4.						

Self Declaration

I ----- work as a wastepicker/ itinerant buyer and I have been in this profession in Bangalore for ----- years and I was doing the same job in my village or town for ----- years.

Signature/Thumb Impression:

Name:

Date:

Ward name:

Place:

FORM B - Enumeration of Scrap Dealers

Prior to filling in the form, please tell the scrap dealer that this form is only to assess the amount of waste handled in this municipal ward of the BBMP and that this will formulate the solid waste management plan in the city. Please also mention that BBMP recognizes and values the work of waste recyclers which results in diversion of waste from the landfill and the BBMP is exploring options on how to support the informal recycling industry.

Name and No. of the ward:

Name and contact No. of the person filling the form:

Date of filling the form:

General information:

1. Name:

2. Address: please write both present and permanent

Shop number : _____
Street No / name : _____
Name of the Area : _____
Land marks : _____
Contact No : _____
act No : _____

3. Gender: Male _____ Female _____ Other _____

4. Age _____ years Date of Birth: _____

5. No. of shops you run/own/manage:

6. Size of the shop: in sq ft

Maximum Storage Capacity:

7. How many sorters do you employ:

8. What are your main constraints or challenges?

9. Where do you get help for capital – can we elaborate on this?

10. What is the kind of support you feel if provided to you, would help to improve your business?

11. Do you need any license to operate? Do you have any license?

12. Details of the waste sold per week in Kg

Waste	Categories of waste	Quantity sold/week/kg
Glass	Quarter Bottles	
	Beer bottles	
	Glass	
Metal	Ferrous Metals/Iron	
	Copper	
	Aluminum	
	Other Metals	
	Batteries	
	Brass	
	Mercury?	
Paper	Cardboard/Corrugated boxes	
	White Paper/White Record	
	Road scrap paper	
	Tetrapak	
	Other Paper (explain)	
Plastics	PET (Pearlpet)	
	Hard Plastic items (cassette covers)	
	Soft Plastic items (Buckets)	
	Soft Plastic, Chappal, soles	
	Milk Bags	
	LD Plastic bags	
	Thin Plastic bags	
	White Plastic	
Others	Rubber	
	Textiles/Rags	
	Tin	
	Thermocol/Styrofoam	