



महाराष्ट्र जीवन प्राधिकरण

मुख्य अभियंता, पुणे प्रादेशिक विभाग पुणे,
नवीन प्रशासकीय इमारत, पुणे लष्कर पा.पु. केंद्र आवार, ४६३
स्टेव्हली रोड, सेंट मेरी चर्च शेजारी, कॅप, पुणे-४११००१
दूरध्वनी : कार्यालयीन ०२०-२९७०६०६४ / २९७०६०६८

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स्वातंत्र्याचा अमृत महोत्सव

जा.क्र.मु.अ.(पुणे)/तांशा ३/ घनकचरा दरसूची २०२३-२४/३०२५


दि. २९/१२/२०२३

परिपत्रक

विषय :- मजीप्राची राज्यस्तरीय घनकचरा व्यवस्थापन दरसूची सन २०२३-२४ दि. पासून लागू करणेबाबत
संदर्भ:- १) अधीक्षक अभियंता (मु), मजीप्रा मुंबई यांचे पत्र क्र. मजीप्रा/सस/ तांशा १/६२४ दि.१६/०५/२०२३
२) मा.सदस्य सचिव, मजीप्रा मुंबई यांची कार्यालयीन टिप्पणी दि. १९/१२/२०२३ अन्वये दिलेले निर्देश

महाराष्ट्र जीवन प्राधिकरणाची सन २०२३-२४ ची राज्यस्तरीय घनकचरा व्यवस्थापन दरसूची तयार करण्याचे मा. सदस्य सचिव महाराष्ट्र जीवन प्राधिकरण मुंबई यांनी निर्देश दिले आहेत. त्या अनुषंगाने दरसूची समितीमार्फत दरसूचीतील दराबाबतचा प्रस्ताव मा. सदस्य सचिव महाराष्ट्र जीवन प्राधिकरण मुंबई यांना धारीकेद्वारे सादर करण्यात आला. सदर धारिका, प्रस्ताव मंजूर करून मा.सदस्य सचिव महाराष्ट्र जीवन प्राधिकरण मुंबई यांनी सन २०२३-२४ साठीची दरसूची दि.१९/१२/२०२३ पासून लागू करण्याचे निर्देश दिले आहेत.

सदर निर्देशांच्या अनुषंगाने मजीप्राची राज्यस्तरीय घनकचरा व्यवस्थापन दरसूची सन २०२३-२४ दि.१९/१२/२०२३ पासून या परिपत्रकाद्वारे लागू करण्यात येत आहे. सदर दरसूची मजीप्राच्या <https://mjpp.maharashtra.gov.in> या वेबसाईटवर उपलब्ध करण्यात येत आहे.


(रा. सा. राहाणे)

अध्यक्ष, दरसूची समिती तथा मुख्य अभियंता

प्रत :- मा.सदस्य सचिव, मजीप्रा मुंबई यांना माहितीसाठी सविनय सादर

सोबत:- राज्यस्तरीय घनकचरा व्यवस्थापन दरसूची सन २०२३-२४ ईमेल द्वारे

प्रत:- मुख्य अभियंता, मजीप्रा प्रादेशिक विभाग, ठाणे, नाशिक, अमरावती, नागपूर, संभाजीनगर यांना माहितीस्तव सस्नेह अग्रेषित

सोबत:- राज्यस्तरीय घनकचरा व्यवस्थापन दरसूची सन २०२३-२४ ईमेल द्वारे

प्रत:- मुख्य कार्यकारी अधिकारी, जि.प पुणे/सातारा/ सांगली/ सोलापूर/कोल्हापूर यांना माहितीस्तव सस्नेह अग्रेषित

प्रत:- आयुक्त, महानगरपालिका पुणे/सातारा/ सांगली/ सोलापूर/कोल्हापूर यांना माहितीस्तव सस्नेह अग्रेषित

प्रत:- अधीक्षक अभियंता, मजीप्रा मंडळ, पुणे/सांगली यांना माहिती व पुढील कार्यवाहीसाठी

प्रत:- कार्यकारी अभियंता, मजीप्रा विभाग पुणे १ व २/सातारा/ कराड/सांगली/ सोलापूर/कोल्हापूर यांना माहिती व पुढील कार्यवाहीसाठी.

प्रत:- कार्यकारी अभियंता, ग्रा.पा.पु विभाग पुणे/सातारा/ सांगली/ सोलापूर/कोल्हापूर यांना माहिती व पुढील कार्यवाहीसाठी.

प्रत:- उप अभियंता, माहिती तंत्रज्ञान कक्ष यांना माहितीसाठी व मजीप्राच्या संकेतस्थळावर upload करण्यासाठी. सोबत:-

राज्यस्तरीय घनकचरा व्यवस्थापन दरसूची सन २०२३-२४ ईमेल द्वारे





MAHARASHTRA JEEVAN PRADHIKARAN

SCHEDULE OF RATES
SOLID WASTE MANAGEMENT
FOR YEAR 2023-24



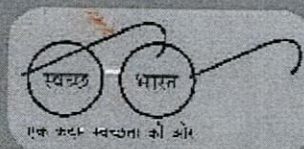
APPLICABLE FOR MAHARASHTRA



SCHEDULE OF RATES SOLID WASTE MANAGEMENT



FOR YEAR 2023-24



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LIST OF HILLY AREAS

शासन निर्णय ग्रामविकास विभाग क्र. ग्रापापु-१०९०/सीआर-१६३/३९-अ
दि. ७ डिसेंबर १९९० चे सहपत्र

परिशिष्ट-१

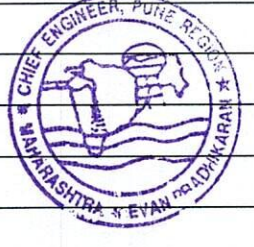
राज्यातील डोंगरी विभागाचे क्षेत्र दर्शविणारे विवरणपत्र



जिल्हा	तालुका	ज्या डोंगरी भागात आहे त्या डोंगराचे नाव	पूर्ण गट- ज्या तालुक्यात ५०% पेक्षा जास्त क्षेत्र आहे तो पूर्णगट	उपगट- ज्या तालुक्यात २०% पेक्षा जास्त व ५०% पेक्षा कमी क्षेत्र आहे तो उपगट	शेरा
१. ठाणे वसई	१. मोखाडा	सह्याद्री पर्वत रांगा			
	२. वाडा	पश्चिम घाट			
	३. शहापूर	पश्चिम घाट	पूर्ण गट (३)		
	४. मुरबाड	पश्चिम घाट	पूर्ण गट (४)		
	५. जव्हार	पश्चिम घाट	पूर्ण गट (५)		
	६. वसई	पश्चिम घाट	---	उप गट (१)	पूर्व भाग
	७. भिवंडी	पश्चिम घाट	---	उप गट (२)	उत्तर पश्चिम भाग
२. रायगड	८. कर्जत	पश्चिम घाट	पूर्ण गट (६)		
	९. खालापूर	पश्चिम घाट	पूर्ण गट (७)		
	१०. सुधागड	पश्चिम घाट	पूर्ण गट (८)		
	११. रोहा	पश्चिम घाट	पूर्ण गट (९)		
	१२. माणगांव	पश्चिम घाट	पूर्ण गट (१०)		
	१३. महाड	पश्चिम घाट	पूर्ण गट (११)		
	१४. पोलादपूर	पश्चिम घाट	पूर्ण गट (१२)		
	१५. पेण	पश्चिम घाट	पूर्ण गट (१३)		
	१६. मुरुड	पश्चिम घाट	पूर्ण गट (१४)		
	१७. म्हसळा	पश्चिम घाट	पूर्ण गट (१५)		
	१८. पनवेल	पश्चिम घाट	---	उप गट (३)	दक्षिण भाग
३. रत्नागिरी	१९. खेड	पश्चिम घाट	पूर्ण गट (१६)		
	२०. चिपळूण	पश्चिम घाट	पूर्ण गट (१७)		
	२१. संगमेश्वर	पश्चिम घाट	पूर्ण गट (१८)		
	२२. लांजा	पश्चिम घाट	पूर्ण गट (१९)		
	२३. राजापूर	पश्चिम घाट	पूर्ण गट (२०)		
	२४. मंडणगड	पश्चिम घाट	---	उप गट (४)	उत्तरेकडील भाग
४. सिंधुदुर्ग	२५. कणकवली	पश्चिम घाट	पूर्ण गट (२१)		
	२६. सावंतवाडी	पश्चिम घाट	पूर्ण गट (२२)		
	२७. देवगड	पश्चिम घाट	पूर्ण गट (२३)		
	२८. कुडाळ	पश्चिम घाट	पूर्ण गट (२४)		
	२९. वैभववाडी	पश्चिम घाट	पूर्ण गट (२५)		
	३०. मालवण	पश्चिम घाट	---	उप गट (५)	पूर्व भाग

जिल्हा	तालुका	ज्या डोंगरी भागात आहे त्या डोंगराचे नाव	पूर्ण गट- ज्या तालुक्यात ५०% पेक्षा जास्त क्षेत्र आहे तो पूर्णगट	उपगट- ज्या तालुक्यात २०% पेक्षा जास्त व ५०% पेक्षा कमी क्षेत्र आहे तो उपगट	शेरा
५. नाशिक	३१. इगतपुरी	पश्चिम घाट	पूर्ण गट (२७)		
	३२. नाशिक	पश्चिम घाट	पूर्ण गट (२८)		
	३३. दिंडोरी	पश्चिम घाट	पूर्ण गट (२९)		
	३४. पेठ	पश्चिम घाट	पूर्ण गट (३०)		
	३५. सुरगणा	पश्चिम घाट	पूर्ण गट (३१)		
	३६. कळवण	पश्चिम घाट	पूर्ण गट (३२)		
	३७. बागलाण(सटाणा)	पश्चिम घाट	पूर्ण गट (३३)		
	३८. सिन्नर	पश्चिम घाट	पूर्ण गट (३४)		
६. अहमदनगर	३९. अकोला	पश्चिम घाट	पूर्ण गट (३५)		
	४०. संगमनेर	पश्चिम घाट	पूर्ण गट (३५)		
७. पुणे	४१. जुन्नर	सह्याद्री पर्वत रांगा	पूर्ण गट (३६)		
	४२. आंबेगाव	सह्याद्री पर्वत रांगा	पूर्ण गट (३७)		
	४३. खेड (राजगुरुनगर)	सह्याद्री पर्वत रांगा	पूर्ण गट (३८)		
	४४. मावळ	सह्याद्री पर्वत रांगा	पूर्ण गट (३९)		
	४५. हवेली	सह्याद्री पर्वत रांगा	पूर्ण गट (४०)		
	४६. मुळशी	सह्याद्री पर्वत रांगा	पूर्ण गट (४१)		
	४७. वेल्हे	सह्याद्री पर्वत रांगा	पूर्ण गट (४२)		
	४८. भोर	सह्याद्री पर्वत रांगा	पूर्ण गट (४३)		
	४९. पुरंदर	सह्याद्री पर्वत रांगा	पूर्ण गट (४४)		
	५०. सातारा	सह्याद्री पर्वत रांगा	पूर्ण गट (४५)		
८. सातारा	५१. वाई	सह्याद्री पर्वत रांगा	पूर्ण गट (४६)		
	५२. पाटणा	सह्याद्री पर्वत रांगा	पूर्ण गट (४७)		
	५३. जावळी	सह्याद्री पर्वत रांगा	पूर्ण गट (४८)		
	५४. महाबळेश्वर	सह्याद्री पर्वत रांगा	पूर्ण गट (४९)		
	५५. खटाव	सह्याद्री पर्वत रांगा	पूर्ण गट (५०)		
	५६. खंडाळा	सह्याद्री पर्वत रांगा	पूर्ण गट (५१)		
	५७. कोरेगाव	सह्याद्री पर्वत रांगा	पूर्ण गट (५२)		
	५८. कराड	सह्याद्री पर्वत रांगा	पूर्ण गट	उप गट (६)	पूर्वेकडील पश्चिम भाग
	५९.			उप गट (७)	पूर्वेकडील, दक्षिणेकडील, उत्तरेकडील पश्चिमेकडील काही भाग
	६०. फलटण	सह्याद्री पर्वत रांगा	पूर्ण गट	उप गट (८)	पूर्व भाग
९. सांगली	६१. शिराळा	सह्याद्री पर्वत रांगा	पूर्ण गट (५३)		दक्षिणेकडील व पूर्वेकडील काही भाग
१०. कोल्हापूर	६२. शाहूवाडी	सह्याद्री पर्वत रांगा	पूर्ण गट (५४)		
	६३. पन्हाळा	सह्याद्री पर्वत रांगा	पूर्ण गट (५५)		
	६४. करवीर	सह्याद्री पर्वत रांगा	पूर्ण गट (५६)		
	६५. गगनबावडा	सह्याद्री पर्वत रांगा	पूर्ण गट (५७)		



जिल्हा	तालुका	ज्या डोंगरी भागात आहे त्या डोंगराचे नाव	पूर्ण गट- ज्या तालुक्यात ५०% पेक्षा जास्त क्षेत्र आहे तो पूर्णगट	उपगट- ज्या तालुक्यात २०% पेक्षा जास्त व ५०% पेक्षा कमी क्षेत्र आहे तो उपगट	शेरा
	६६. राधानगरी	सह्याद्री पर्वत रांगा	पूर्ण गट (५८)		
	६७. कागल	पश्चिम घाट	पूर्ण गट (५९)		
	६८. भुदरगड	पश्चिम घाट	पूर्ण गट (६०)		
	६९. आजरा	पश्चिम घाट	पूर्ण गट (६१)		
	७०. चंदगड	पश्चिम घाट	पूर्ण गट (६२)		
	७१. गडहिंग्लज	पश्चिम घाट	पूर्ण गट (६३)		
११. धुळे	७२. साकी	पश्चिम घाट	पूर्ण गट (६४)		
	७३. नवापुरी	पश्चिम घाट	पूर्ण गट (६५)		
	७४. अक्कलकुवा	सातपुडा डोंगर	पूर्ण गट (६६)		
	७५. अकाणी	सातपुडा डोंगर	पूर्ण गट (६७)		
	७६. शिरपूर	सातपुडा डोंगर	पूर्ण गट (६८)		
	७७. शहादा	सातपुडा डोंगर	---	उप गट (९)	पूर्वेकडील व थोडा उत्तरेकडील भाग
	७८. तळोदा	सातपुडा डोंगर	---	उप गट (१०)	उत्तरेकडील भाग
१२. जळगाव	७९. चोपडा	सातपुडा डोंगर	---	उप गट (११)	उत्तरेकडील भाग
	८०. येवला	सातपुडा डोंगर	---	उप गट (१२)	उत्तरेकडील भाग
	८१. रावेर	सातपुडा डोंगर	---	उप गट (१३)	उत्तरेकडील भाग
	८२. ऐदलाबाद	सातपुडा डोंगर	---	उप गट (१४)	उत्तरेकडील व पूर्वेकडील काही भाग
१३. अमरावती	८३. धारणी	सातपुडा डोंगर	पूर्ण गट (६९)		
	८४. चिखलदरा	सातपुडा डोंगर	पूर्ण गट (७०)		
१४. यवतमाळ	८५. पुसद	सातमाळा रांगा	---	उप गट (१५)	उत्तर पश्चिमेकडील भाग, थोडा मध्यम भाग
	८६. अमरखेड	सातमाळा रांगा	---	उप गट (१६)	उत्तरेकडील व पूर्वेकडील काही भाग
१५. नांदेड	८७. किनवट	सातमाळा रांगा	पूर्ण गट (७१)		
१६. अकोला	८८. पातूर	अजिंठ्याचे डोंगर	---	उप गट (१७)	दक्षिण व पूर्व
१७. बुलढाणा	८९. खामगांव	अजिंठ्याचे डोंगर	---	उप गट (१८)	उत्तर व पूर्वेकडील भाग
१८. औरंगाबाद	९०. कन्नड	अजिंठ्याचे डोंगर	---	उप गट (१९)	उत्तर व पूर्वेकडील भाग
	९१. खुलताबाद	अजिंठ्याचे डोंगर	---	उप गट (२०)	मधला व दक्षिणेकडील भाग
	९२. सोयगांव	अजिंठ्याचे डोंगर	पूर्ण गट (७२)		
	९३. सिल्लोड	अजिंठ्याचे डोंगर	---	उप गट (२१)	उत्तरेकडील व थोडा दक्षिण पश्चिमेकडील भाग
१९. परभणी	९४. हिंगोली	अजिंठ्याचे डोंगर	---	उप गट (२२)	दक्षिणेकडील भाग
	९५. कलमनूरी	अजिंठ्याचे डोंगर	---	उप गट (२३)	दक्षिणेकडील भाग

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GENERAL NOTES



MAHARASHTRA JEEVAN PRADHIKARAN

SCHEDULE OF RATES OF SOLID WASTE MANAGEMENT

FOR THE YEAR 2023-24

GENERAL NOTES

1 Schedule of Rates prepared for the year 2023-24 is operative from December 2023 and applicable for Maharashtra.

2 For the rates in Corporation area, Notified Tribal area, Hilly Inaccessible areas, & Central Jail premises, Mental Hospital premises an increase of percentages over the normal schedule of rates (Basic completed item Rates) prescribed for the year 2018 – 19 are as follows.

i	Corporation Areas	5%
ii	Sugarcane factory area (within 10 Km. radius)	5%
iii	Notified Tribal Areas	10%
iv	Notified Hilly / Inaccessible areas	10%
v	Prison Area & Central Government Area.	15%

3. The Hilly / inaccessible areas in Western Ghat Region for Public Works Region, for Maharashtra (all region.).

The works which are pertaining to inside premises of central jail, Mental Hospital, Raj Bhavan , Prison Area , Central Govt. Printing press Area as well as in corporation area, an increase of percentage over normal scheduled rates shall be considered both simultaneously e.g. If central jail is situated in corporation area an increase of 5% for corporation area and 15% for jail premises total 20% shall be considered. For other works the increase in rates as above shall be applicable one time only.

4 Taxes and Govt. Circular

4.1 All Material Rates are exclusive of GST(Goods and service Tax). Rates for Completed items are also exclusive of GST. While preparation of estimates prevailing GST Percentage, provision should be made separately in recapitulation sheet.

4.2 i) 1% for labour amenity is not considered in Rate Abstract.
ii) As per G.R. of Industries and power Department No. BCA - 2009/CR108/ Labour 7-A dated 17 – 06 - 2010, 1% cess for labour Welfare is considered in the Rate Abstract.



- iii) Provision for insurance at 1% is considered in Rate analysis of SSR 2023-24. These rates are applicable only for tendered works, these rates should be reduced by 1 % of total rate when works are to be carried out on piecemeal works and other small works without tendering.

5 General Guidelines.

- 5.1 The basic rate of material, labour and machinery shall be taken from M.J.P. D. S. R. of respective region.
- 5.2 D.S.R. of PWD is to be adopted for Building work, shed which are not included in this D. S.R.
- 5.3 The DSR of M.J.P. is to be adopted for water supply and sanitary works, which are not included in this C S R.
- 5.4 Machinery hire charges rates are as per market rates and rates of M. J. P. / P.W.D.
- 5.5 Rate of Geosynthetic material shall be taken from M.J.P. D.S.R. of respective region.
- 5.6 Rates of Machinery/ Vehicles are only for estimation purpose. While purchasing Machinery/ Vehicle, implementing agency must take quotation from dealers.



LIST OF ABBREVIATIONS

**Solid Waste Management
List of Abbreviation**

Sr.no.	Abbreviation	Full Form
1	AMC	Annual Maintenance Contract
2	Capex	Capital Expenditure (Capital Investment)
3	CBG	Compressed Biogas
4	CCTV	Close Circuit Television
5	CNG	Compressed Natural Gas
6	DIC	District Industries Centre
7	DoC	De-oil cake
8	DPR	Detailed Project Report
9	DWSC	District Water & Sanitation Committee.
10	DWSM	District Water & Sanitation Mission.
11	EA	Energy Audit
12	EIA	Engineering Procurement & Commissioning
13	EPC	Environmental Impact Assessment.
14	FO	Furnace Oil
15	GCV	Gross Calorific Value
16	GP	Gram Panchayat
17	HDI	Human Development Index
18	HT	High Tension
19	IEC	Information Education & Communication
20	KWH	Kilo Watt Houre
21	LDO	Light Diesel Oil
22	LED	Light Emitting Diode
23	LPG	Liquefied Petroleum Gas
24	MIDC	Maharashtra Industrial Development Corporation
25	MLALAD	Member of Legislative Assembly Local Area Development
26	SRF	Solid Recovered Fuel
27	MJP	Maharashtra Jeevan Pradhikaran
28	LLDPE	Liner Low Density Polyethelene
29	MNREGS	Mahatma Gandhi Nantional Rural Emploment Guarantee Scheme
30	MPCB	Maharashtra Pollution Control Board
31	MPLAD	Member of Parliment Local Area Development
32	MSEDCL	Maharashtra State Electricity Distribution Company Limited.
33	MSW	Municipal Solid Waste
34	MT	Metric Tone
35	MTD	Metric Tone per Day
36	NG	Natural Gas
37	NGT	National Green Tribunal
38	NOC	No Objection Certificate
39	O & M	Operation and Maintenance
40	Opex	Operational Expenditure
41	OSW	Organic Solid Waste
42	P & ID	Piping and Instrumentation Diagram
43	PNG	Piped Natural Gas
44	PQLI	Physical Quality of Life Index
45	PRV	Polyb Regulation Valve
46	PVC	Polyb Vinyl Choride
47	RDF	Refused Derived Fuel
48	ROC	Registrar of Companies
49	SHG	Self Help Group
50	TPD	Tones Per Day
51	TS	Technical Sanction
52	VAT	Value Added Tax
53	TPH	Tones Per Houre
54	IMSW	Industrial Management Solid Waste
55	MSWM	Municipal Solid Waste Management
56	NPK	Nitrogen Phosphorous Potassium





STATEMENT 1- RATES FOR CHEMICALS

Rate for Chemicals

Sr. No.	Product Name	Specification	Rate for Yr 2023-24 Per Kg
1	Fancoat powder 0.4 %	Phenvolet 0.4 %	32
2	Indoclean / carbolic powder	Corbolic acid 5 % (RWC)	49
3	Bio degrading aerobic agent in powder form	1) Bacterial count 1×10^{14} cfu / ml 2) Bacterial type – blend of multiple spores and enzymes. 3) PH. 6.5 to 8.5 4) Fragrance 5) Appearance : Brown powder 6) Flast point : non- inflammable 7) Easily soluble in water 8) Self life 2 year	85
4	Biological Odour Control	Density : 1.01. Vapour Pressure : Equivalent to Water Solubility in water : Completely Soluble pH Value – : 7.0 – 8.0 Appearance : Cloudy Liquid,	1500
5	Scented Phenyl (Sunny or Pholopoin Company)		246





STATEMENT 2- RATES FOR MACHINERY



Rate For Machinery

Sr. No.	Description	Unit	Rate for Yr 2023-24
1a	Hydraulic baling machine (With oil) Hydraulic pressing capacity :- 40 Tons, Bale Size:- 900 mm x 700 mm x height as per weight of bale	No.	303618.00
1b	Hydraulic baling machine (Without oil) Hydraulic pressing capacity :- 40 Tons, Bale Size:- 900 mm x 700 mm x height as per weight of bale	No.	268985.00
1c	Hydraulic baling machine Bale Size:- 440 mm x 440 mm x 350 mm	No.	374147.00
2	Plastic Shredder machine Capacity =4 TPD. Diamemmsion - 700(W) x1050 (B) x1500 (H) , Motor=5 HP 1440 rpm, Blade material= wps material, Output size =20 mm, MOC = 3 mm ms sheet and CI pulley	No.	651277.00
3	Plastic Scrap Griender Machine		
3a	Power required :- 1 HP, Grinding capcity :- 20 Kg, No. of blade - 5, throat Size - 4" x 4" , Length of Blade - 4" , L x w - 600 x 400 mm , Weight of machine - 100 Kg	No.	48226.00
3b	Power required :- 2 HP, Grinding capcity :- 30 Kg, No. of blade - 5, throat Size - 6" x 6" , Length of Blade - 6" , L x w - 875 x 575 mm , Weight of machine - 150 Kg	No.	71505.00
3c	Power required :- 3 HP, Grinding capcity :- 40 Kg, No. of blade - 5, throat Size - 8" x 8" , Length of Blade - 8" , L x w - 950 x 650 mm , Weight of machine - 275 Kg	No.	78065.00
3d	Power required :- 5 HP, Grinding capcity :- 40 Kg, No. of blade - 5, throat Size -12" x 12" , Length of Blade - 12" , L x w - 1100 x 950 mm , Weight of machine - 450 Kg	No.	115421.00
3e	Power required :- 10 HP, Grinding capcity :- 125Kg, No. of blade - 5, throat Size - 16" x 16" , Length of Blade -16" , L x w - 1525 x 1125 mm , Weight of machine - 900 Kg	No.	234193.00
3f	Power required :- 15 HP, Grinding capcity :- 200 Kg, No. of blade - 5, throat Size - 20" x 20" , Length of Blade - 20" , L x w -1600 x 1250 mm , Weight of machine - 1200 Kg	No.	346530.00
3g	Power required :- 25 HP, Grinding capcity :- 350 Kg, No. of blade - 5, throat Size -25" x 25" , Length of Blade - 25" , L x w - 1750 x 1350 mm , Weight of machine - 2000 Kg	No.	555668.00
3h	Power required :- 30 HP, Grinding capcity :- 450 Kg, No. of blade - 5, throat Size -30" x 30" , Length of Blade - 30" , L x w - 1875 x 1500 mm , Weight of machine - 3000 Kg	No.	832854.00
4a	Trommel Drum Dia -1500/ L- 6000	No.	1218970.00
4b	Trommel Drum Dia - 1800/ L - 8000	No.	2062963.00
5a	Belt Conveyor (0.8 x 8 m)	No.	161352.00
5b	Belt Conveyor (1 x 10 m)	No.	207012.00



STATEMENT 3- PERSONAL PROTECTIVE EQUIPMENT



Personal Protective Equipment

Item No.	Description	Unit	Rate for Yr 2023-24
1	Gloves	No.	68.00
2	Face Mask	No.	111.00
3	Safety Jackets	No.	222.00
4	Safety shoes	No.	965.00
5	Raincoats	No.	993.00
6	Gumboots	No.	1482.00
7	Spade	No.	399.00
8	Brroms	No.	54.00
9	Shovels	No.	507.00
10	Ghamela	No.	235.00
11	Fawada	No.	398.00
12	Fork long handle	No.	531.00
1	PPE Kit		751.00
	1. Disposable gown - 90 GSM		
	2. Disposable hood cap - 90 GSM		
	3. Disposable Mask		
	4. Leg covers		
	5. Latex gloves		
	6. Goggle		
2	PPE Kit		532.00
	1. Disposable gown - 45 GSM		
	2. Disposable hood cap - 45 GSM		
	3. Disposable Mask		
	4. Leg covers		
	5. Latex gloves		
	6. Goggle		



SECTION 1- PRIMARY COLLECTION OF **SOLID WASTE**

Primary Collection of Solid Waste

Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
1	HOUSE HOLD & COLLECTION BINS : Providing and supplying the various capacities house hold & collection bins of standard quality having good strength of material. High Density Polyethylene (HDPE) with U.V. Stabilized and durable and as per IS code standards as mentioned below for collection of segregated waste (i.e. wet waste & dry waste separately), including all taxes, loading, unloading and freight charges up to site location as directed by engineer in charge .			
i	10 Litres with lid cap-Red / Green Colour	No.		148.00
ii	50 Litres with lid cap-Red Colour	No.		709.00
iii	120 Litres with lid wheel	No.		3105.00
iv	150 Litres with lid wheel	No.		3814.00
v	180 Litres with lid wheel	No.		4903.00
2	SINTEX /SUPREME OR EQUIVALENT BINS : Supplying and placing sintex / supprime or equivalent bins at various location . The bins is of LLDPE (Linear low density polythene plastic) make with Lid cap and wheel of the following capacity includes packing and forwarding ED, CST etc as directed by engineer in charge .			
i	10 Litres with lid cap-Red / Green Colour	No.		239.00
ii	Sintex(BKT-01-01) 12(ltr)With Lid (Green,Blue Color)Dimension (Top-242mm,Bottom-212mm,Height-340mm)	No.		271.00
iii	240 Litres with lid and wheel	No.		6102.00
iv	330 Litres with lid and wheel	No.		8691.00
v	630 Liters with lid and wheel	No.		27140.00
vi	1100 Liters with lid and wheel	No.		49822.00
vii	Sintex(BKT-02-01) 20(ltr)With Lid (Green,Blue Color)Dimension (Top-320mm,Bottom-265mm,Height-405mm)	No.		334.00
viii	Sintex(BMB-05-01) Waste Bin With Closed Lid with Two side Handle(Capacity-50 Ltr) (Green,Blue Color) Dimension (Top-410mm,Bottom-330mm,Height-575mm)	No.		811.00
xi	Sintex(BMB-08-01) Waste Bin With Closed Lid with Two side Handle(Capacity-80 Ltr) (Green,Blue, RedColor) Dimension (Top-475mm,Bottom-370mm,Height-770mm)	No.		920.00
x	Sintex(BMB-10-01) Waste Bin With Closed Lid with Two side Handle(Capacity-100 Ltr) (Green,Blue, Red Color) Dimension (Top-510mm,Bottom-430mm,Height-715mm)	No.		1208.00
xi	Sintex ((GBR-1.2-01)Rectangular Waste Bins(Capacity-12 Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-240*240mm,Bottom-210*210mm,Height-367mm)	No.		587.00
xii	Sintex ((GBR-02-01-01)Rectangular Waste Bins(Capacity-20 Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-325*325mm,Bottom-290*290mm,Height-475mm)	No.		805.00
xiii	Sintex ((GBR-06-01)Rectangular Waste Bins(Capacity-60Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-350*350mm,Bottom-250*250mm,Height-875mm)	No.		1380.00
xiv	Sintex ((GBR-08-01)Rectangular Waste Bins(Capacity-80Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-400*400mm,Bottom-300*300mm,Height-875mm)	No.		1697.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
xv	Sintex ((GBR-10-01)Rectangular Waste Bins(Capacity-100Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-500*500mm,Bottom-350*350mm,Height-900mm)	No.		2415.00
xvi	Sintex ((GBR-12.5-01)Rectangular Waste Bins(Capacity-125Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-500*500mm,Bottom-350*350mm,Height-1085mm)	No.		2990.00
xvii	Sintex ((GBRSS-06-01)Litter Bins With Permanent Structure(Capacity-60Ltr) (Green,Blue, Red, Yellow Color) Dimension (Width-500mm,Height-1210mm)	No.		5319.00
xviii	Sintex ((GBRSS-10-01)Litter Bins With Permanent Structure(Capacity-100Ltr) (Green,Blue, Red, Yellow Color) Dimension (Width-759mm,Height-1924mm)	No.		7935.00
xix	Sintex ((GBRSS-10-11)Litter Bins With Permanent Structure Twin Structure(Capacity-200Ltr) (Green,Blue, Red, Yellow Color) Dimension (Width-1248mm,Height-1138mm)	No.		12938.00
xx	Sintex ((GBRW-09-01)Wheeled Waste Bins(Capacity-90Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-400*400Width-310*245mm,Height-900mm)	No.		2910.00
xxi	Sintex ((GBRW-12-01)Wheeled Waste Bins(Capacity-120Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-440*440Width-350*285mm,Height-840mm)	No.		3623.00
xxii	Sintex ((GBRW-14-01)Wheeled Waste Bins(Capacity-140Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-474*475Width-380*315mm,Height-940mm)	No.		4025.00
xxiii	Sintex ((GWBSS-11-01)Gaint Heavy Duty hand Cart Wheel Barrow(Capacity-110Ltr) (Green,Blue, Color) Dimension (Top-750*730Width-450*430mm,)	No.		12110.00
xxiv	Sintex ((GWBSS-25-01)Gaint Heavy Duty hand Cart Wheel Barrow(Capacity-250Ltr) (Green,Blue, Color) Dimension (Top-1150*880Width-750*440mm,)	No.		14375.00
xxv	Sintex ((GHS-12-01)Hand Cart (Capacity-120Ltr) (Green,Blue, Color) Dimension (Top-710Width-830mm,Height-1050)	No.		22678.00
xxvi	Sintex(BKT-02-01) 12(ltr)With Lid (Green,Blue Color)Dimension (Top-242mm,Bottom-212mm,Height-340mm)	No.		271.00
xxvii	Sintex ((GBRW-240-01)Wheeled Waste Bins(Capacity-240Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-490*490 Width-400*460mm,Height-1060mm)	No.		6785.00
xxviii	Sintex ((GBRW-63-02)Gaint Wheeled Waste Bins(Capacity-630Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-1237*778 Width-1117*628mm,Height-1150mm)	No.		28175.00
xxix	Sintex ((GBRW-110-02)Gaint Wheeled Waste Bins(Capacity-240Ltr) (Green,Blue, Red, Yellow Color) Dimension (Top-1455*1020 Width-1330*870mm,Height-1250mm)	No.		56695.00
3	WASTE BIN FOR STREETS: : Providing & supplying at site waste bin for streets of following capacity including transportation, loading, unloading , one year guarantee with third party converage etc, complete .			
	1)One Piece Blow molded, Heavy Duty Waste Bin of approx. capacity with two side handle and lug with lid (fully open able)			
	2)Made of virgin grades of special UV stabilized grade of polyethylene material stabilizers, Anti- corrosive, Anti- acidic, Non-Toxic and free from joints, welds or rims.			
	3)Provided with molded projections and provided with molded Lid to prevent spread of smell, mosquitoes.			

Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
	4) Meant for segregation of waste at source in Bio- degradable and Recyclable waste in Green and Blue color			
	5) Ideal for Storage and Handling of Solid Waste.			
	6) Round in shape without sharp corners to prevent sticking of Garbage & Maintenance free.			
	7) Hygienic, Easy to handle & clean.			
	8) Strong and Durable.			
	9) Thickness: Average overall thickness should not be less than 2mm.			
	10) Design: User friendly design without sharp corners or welds. Molded built in bottom Grip for easy lifting of bin and unloading of waste. Grip should be providing at top for easy handling.			
	11) Printing such as name of organization ,Year shall be printed as per requirement as directed by engineer in charge .			
i	10 Liter capacity One Piece Blow molded	No.		127.00
ii	10 Liter capacity One Piece Injected molded	No.		144.00
iii	10 Liter capacity with foot operation	No.		219.00
iv	10 Liter capacity with swing lid	No.		207.00
v	20 Liter capacity One Piece Blow molded	No.		290.00
vi	30 Liter capacity Square with handle	No.		547.00
vii	40 Liter capacity Round shape	No.		667.00
viii	40 Liter capacity Square shape	No.		828.00
ix	50 Liter capacity (Round shape)	No.		619.00
x	50 Liter capacity (Square shape)	No.		782.00
xi	80 Liters capacity (Round shape)	No.		743.00
xii	80 Liters capacity (Square shape)	No.		1265.00
xiii	100 Liter capacity (Square shape)	No.		2588.00
xiv	150 Liter capacity (Square shape)	No.		3795.00
xv	175 Liters capacity	No.		1793.00
xvi	200 Liters capacity	No.		1813.00
4	WASTE BIN FOR STREET: (Cap - 80 Liter) Providing & supplying waste bin for street of 80 Liter capacity including transportation, loading, unloading, stacking at site , one year guarantee with third party coverage etc, complete. One Piece Blow Moulded/Roto mould, Heavy tractor trailed two wheeler container having container with four windows. To throw the waste and one fully openable door to unload waste with two nos pneumatic wheels with heavy duty tyre and tubes with bearings and axle arranged with tractor attachment facility complete with two coat of synthetic enamel paint M.S. Fabricated container made from 40 X 40 X 05 mm & 35 X 35 X 05 mm M.S. Angle and M.S. Sheet of 16 Gauge with two pneumatic wheels and easy to handle manually and tractor as well with two coat of synthetic enamel paint. Printing such as name of organisation. Year shall be printed as per requirement as directed by engineer in charge .	No.		45191.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
5	FLOOR MOUNTED GARBAGE BIN : Providing and supplying floor mounted Garbage Bin Body Rectangular Shape following capacity single bin with stand, U-shaped Collar with lid opening in front side for pulling the garbage, steel cage. Garbage bin container shall be made from Linear Low Density Polythene Plastic (LLDPE) material made by rotational molding process covered eighth suitable lid or same material duty higher with the container. All the steel components i.e. standposts, cage and other fixtures shall be powder coated with green/blue colour as per requirement of the indenter with following requirement and specificationincluding transportation, loading, unloading, stacking at site , one year guarantee with third party converage etc. complete as directed by engineer in charge .			
i	Capacity 100 Liters ,Single Bin, With Stand	No.		3285.00
ii	c	No.		1078.00
iii	Capacity 100Litres , Twin Bin, With Stand	No.		6273.00
iv	Capacity 100Litres, Without Bin, Only Stand for Single Bin	No.		2219.00
v	Capacity 100 Liters, Without Bin, Only Stand for Twin Bin	No.		4117.00
vi	Capacity 150 Liters, Single Bin , With Stand	No.		4315.00
vii	Capacity 150 Liters, Single Bin , Without Stand	No.		1569.00
viii	Capacity 150 Liters, Twin Bin , With Stand	No.		8277.00
ix	Capacity 150 Liters, Without Bin , Only Stand for Single Bin	No.		2774.00
x	Capacity 150 Liters, Without Bin , Only Stand for Twin Bin	No.		5215.00
xi	Capacity 200 Liters, Single Bin , With Stand	No.		5662.00
xii	Capacity 200 Liters, Single Bin , Without Stand	No.		2219.00
xiii	Capacity 200 Litres,Twin Bin , With Stand	No.		10959.00
xiv	Capacity 200 Liters, Without Bin , Only Stand for Single Bin	No.		3258.00
xv	Capacity 200 Liters, Without Bin , Only Stand for Twin Bin	No.		6534.00
xvi	Capacity 240 Liters, Twin Bin , With Stand			17019.00
6	HAND CART FOR WASTE COLLECTION : .Providing & supplying at site hand cart for waste collection of following capacity and one year guarantee with third party converage etc, complete. Hand Cart made from M.S. angle of 25mm and Flat of 20mm with UV stabilized virgin plastic container of 250Ltr with two iron wheels made from M.S. flats of 32mm with two bearings of 6205 in each wheel with axel made from bar of 25mm with pipe handles with easy grips cart should be painted with one coat of synthetic enamel paint complete finished and ready for use. Molded from Special UV stabilized grades of virgin polyethylene. 100% Rust free and maintenance free. Safe in handling as no corrosion, cracking, blistering etc. Hygienic, easy to clean, Strong and Durable. Linear low Density (LLDPE) material, absolutely non- toxic, free from any contamination, chemical resistant.Process: Bin must be molded in one tough piece form Roto- Molding Process as directed by engineer in charge .			
i	100 LITRE Capacity	No.		4887.00
ii	Two Wheel Type Wheel Barrow 140 LITRE Capacity ,Material-Steel Sheet ,Thikness-1.60mm,Type of bearing-Double ball			5378.00
iii	150LITRE Capacity	No.		5391.00
iv	250 LITRE Capacity	No.		6288.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
7	SEGREGATION HANDCART (Cap 360 liter) : Providing & supplying at site segregation handcart of following capacity and one year insurance with third party coverage etc, complete. Segregation handcart having capacity 360 Liter. Made from Angle 25mm×03mm & orca sheet of 16 Guage , two nos iron wheel of 500mm dia made from 32mm flat with double ball bearings of 6205 and one removable segregation partition with 3 equal provision for segregation & rear side door to unload waste with handle and lock provision, one front wheel of HDPE 200 mm complete with two shade color and ready for use as per requirement as directed by engineer in charge ..	No.		9788.00
8	DOOR TO DOOR COLLECTION TRICYCLE : 250 LITER : Providing & supplying at sitedoor to door collection tricycle of 250 Liter capacity including loading unloading at site, one year guarantee with third party coverage etc, complete.. Tricycle made from MS materials with stabilizers, Anti corrosive and Acidic, absolutely smooth and sanitary chemical resistant and free from joints welds or rims provided with fully open able Standard black colour required All parts of cycle provided incl Bells. 520 Liters Bin with Oscillation movement feature tough place by suitable Moulding process manufactured from virgin Liner Low Density Polyethylene (LLDPE) material, non toxic, free from any contamination, chemical resistant blended with stabilizers Anty Corrosive and Anti Acidic absolutely smooth and sanitary, chemical resistant and ferr from joints welds or rims.	No.		15508.00
	Moulded from special UV stabilized grades of virgin polyethylene. 100% Rust free and maintenance free. Safe in handling as No corrosion, cracking, blistering etc. Hygienic easy to clean strong and durable. Dimensions:: Tub size top 1025 x 750 mm Bottom 730 x 425 mm Height- 450 mm Bucket Thickness :4 mm (+/-5 %) 9 MS angle of 25mm x 03 mm & Flat of 40 x 6 mm on top fabrication as directed by engineer in charge .			
9	DOOR TO DOOR SEGRAGATION TRICYCLE: Providing & supplying at site door to door segregation tricycle including loading unloading at site, one year guarantee with third party coverage etc, complete. i.e. : 1 Cum Capacity Made from M.S. Angle 25mm & crca sheet of 16 guage one removable segregation partition with 3 equal provision for segregation & rear side door to unload waste with handle and lock provision, I front with brass bell and near side open able door to unload the waste complete with two coats as per directed by Engineer.	No.		17445.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
10 (a)	TRICYCLE WITH EIGHT SQUARE BUCKET. Providing & supplying at site tricycale with three penumatic wheels with 8 box structure. of capacity 28.5 Liters. including loading unloading , stacking at site one year guarantee with third party coverage etc, complete. Made from M.S.Angal of 25 mm and M.S. flats with eight square plastic injection moulded buckets of 28.5 liter minimum with outside vertical ribs for extra strength with handle made from M.S. round bar of 8 mm and brackets made from M.S. sheet tricycle should be painted with on coat of primer and two coats of synthetic enamel paint. Safe in handling as No corrosion, cracking, blistering etc. Hygienic easy to clean strong and durable. Capacity 28.5 liter 08 containers. Material of container HDPE material absolutely non-toxic , free from any contamination, chemical resistant. Dimensions of Frame : 1220 mm X 620 mm, bucket : 300 mm X 300mm X 255 mm MS. Fabricated structure suitable to fit 08 square containers with handle made from MS Angle of 25 x 30 mm complete with two coat of paint.	No.		15022.00
10 (b)	TRICYCLE WITH EIGHT SQUARE BUCKET. Providing & supplying at site tricycale with three penumatic wheels with 8 box structure. of capacity 30 Liters. including loading unloading , stacking at site one year guarantee with third party coverage etc, complete. Made from M.S.Angal of 25 mm and M.S. flats with eight square plastic injection moulded buckets of 30 liter minimum with outside vertical ribs for extra strength with handle made from M.S. round bar of 8 mm and brackets made from M.S. sheet tricycle should be painted with on coat of primer and two coats of synthetic enamel paint. Safe in handling as No corrosion, cracking, blistering etc. Hygienic easy to clean strong and durable. Capacity 30 liter 08 containers. Material of container HDPE material absolutely non-toxic , free from any contamination, chemical resistant. Dimensions of Frame : 1500mm X 1000 mmMS. Fabricated structure suitable to fit 08 square containers with handle made from MS(mild steel)	No.		27963.00
10 (c)	TRICYCLE WITH EIGHT SQUARE BUCKET. Providing & supplying at site tricycale with three penumatic wheels with 5 box structure. of capacity 50 Liters. including loading unloading , stacking at site one year guarantee with third party coverage etc, complete. Made from M.S.Angal of 25 mm and M.S. flats with eight square plastic injection moulded buckets of 50 liter minimum with outside vertical ribs for extra strength with handle made from M.S. round bar of 8 mm and brackets made from M.S. sheet tricycle should be painted with on coat of primer and two coats of synthetic enamel paint. Safe in handling as No corrosion, cracking, blistering etc. Hygienic easy to clean strong and durable. Capacity 50 liter 05 containers. Material of container HDPE material absolutely non-toxic , free from any contamination, chemical resistant. Dimensions of Frame : 1500mm X 1000 mmMS. Fabricated structure suitable to fit 05 square containers with handle made from MS(mild steel)	No.		21645.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
11	LITTERBIN WITH PERMANENT STRUCTURE OF 80 LITER CAPACITY (TRANGULAR FRAME) : Providing & supplying at site Liter bin with permanent structure of 80 liters capacity including loading unloading , stacking at site, one year guarantee with third party coverage etc, complete. 1700 mm x 500 mm Made from M. S. section of 50mm x 25 mm with plastic square dustbin with half round oval shape lld with two side holes to throw waste hanged on two bolts of 1/2x4 with nuts for tilting the bin, M.S. plante on traingle for priting name complete with one coat of primer and two coat of synthetic enamel plant complete finished and ready for use squire Bin must be Moulded from Virgin Grade polymers (P.E) in one tough piece with half round oval shape fully openable lid with two windows to throw waste Dimensions Trangular frame : 700 mm X 500 mm ,Thickness : 4mm (-/+ 5%) Design Oscillating arrangement with study mechanism for easy unloading of grabage Specially moulded projections for extra strength.high Impact as per requirement as directed by engineer in charge .	No.		3199.00
12	BUCKET WHEEL BARROW (Cap 180 Liter) : Providing & supplying Bucket Wheel Barrow including loading unloading , stacking at site , one year insurance with third party converage etc,complete. Made from 25 mm angle and 20 x 05 MS flat fitted with 2 nos iron wheels with rubber coating of 20" dia with double ball bearing of 6205. Cart should be fitted with 1 nos front wheel of 8" dia with 6 nos of square PE buckets of 28.5L minimum capacity baving vertical ribs for extra strength with MS round bad handle duly with alumininum riveting as directed by engineer in charge .	No.		6885.00
13	DOUBLE CONTAINER TROLLEY FOR STREETS Cap. 450 Liter : Providing & supplying double container trolley for street including loading unloading , stacking at site, one year insurance with third party converage etc,complete. Made from M.S. Angle of 35 x 35 x 05 mm and 50 mm X 25 mm MS section on top frame with two nos. UV stabilized LLDPE containers of 450 litre minimum one green colour and one black for segregation with four nos. Wheels with double ball bearings of 6205. In each wheel with two swivelling type castores complete with two coats of synthetic enamel paint. M.S. Fabricated container made from 35x35x05 mm M.S. Angle with two LLDPE rotomould containers of 450 litre each with four nos HDPE wheels of 200 x 50 mm and easy to handle manually with two coat of synthetic enamel paint, Safe in handling as No corrosion, cracking blistering etc. as per requirement as directed by Engineer- in-Charge .	No.		18462.00
14	VEHICLE WITH TWIN COMPARTMENTS : Supply vehicle with twin compartments of TATA, Mahindra, Force & equivalent manufacturers of 1.7 Cu. M capacity one year Insurance with third party coverage etc, complete as directed by engineer in charge .	No.		559391.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
15	DUMPER PLACER & GARBAGE CONTAINER : Providing erecting Dumper placer & Garbage container. one year Insurance with third party coverage etc, complete as directed by engineer in charge .			
i	Capacity 1.1 cum	No.		51345.00
ii	Capacity 2.5 cum	No.		66673.00
iii	Capacity 4.5 cum	No.		76482.00
iv	Capacity 3.5 cum	No.		58003.00






SECTION 2 - SECONDARY COLLECTION OF SOLID WASTE

Secondary Collection of Solid Waste


Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
1	GARBAGE CONTAINER OPEN : Supply of garbage container open with given capacity and container body of following specification including transportation, loading, unloading at site, one year guarantee with third party converge etc, complete as directed by Engineer- in-Charge			
i	Capacity 1.10 cum	No.		41859.00
	<p>Technical Specification</p> <p>Overall Dimensions in mm : (W) 1050 X (L) 1200X (H) 1100 (without wheels)</p> <p>Volumetric Capacity :1.1 M³</p> <p>Material of Construction : 1.00 mm HRCA Sheet</p> <p>Reinforcement Section : 3 mm thk.Channel 50 X 50 X 25</p> <p>Lifting lug : Ø 38 mm</p> <p>Drain holes : Ø 25 mm holes X 6 NoS.</p> <p>Welding : Stich welding for reinforcing member and inside corners of container.</p> <p>Caster Wheels : Fixed Wheel 5 - Ø 200 X 50 - 2 Nos.Swivel Wheels - Ø 200 X 50 - 2 Nos.</p> <p>Finishing and Painting : All M.S. exposed surface to be painted with enamel paint, duly after grinding and finishing.</p> <p>Handling : Suitably Handled by Dumper placer or Rear End Loading Compactor</p>			
ii	Capacity of 4.50 cum	No.		81978.00
	<p>Volumetric Capacity :4.5 M³</p> <p>Material of Construction : 3.00 mm HRCA Sheet</p> <p>Reinforcement Section : Channel 75X40</p> <p>Lifting lug : Ø 50 mm</p> <p>Drain holes : Ø 25 mm holes X 6 No.</p> <p>Welding : Full welding for reinforcing member and inside corners of container.</p> <p>Finishing and Painting : All M.S. exposed surface to be painted with enamel paint, duly after grinding and finishing</p> <p>Handling : Suitably Handled by Dumper placer or Rear End Loading Compactor</p>			



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
2	REAR END LOADING REFUSE COMPACTOR : Supply of rear end loading refuse compactor of Following capacity and compactor body having Tail hopper, slider plate, packer plate, hydraulic cylinders, hydraulic system and Drive, Hydraulic tank and Directional Control valves of following specifications including transportation, loading, unloading at site, one year guarantee with third party converge etc, complete as directed by Engineer- in-Charge .			
i	Capacity : 7.0 Cum	No.		1306777.00
	Technical Specification : Rear End Loading Refuse Compactor is mounted on a suitable truck chassis having minimum output rating of 90 HP & 3600 mm wheel base (mini).			
	Loading Height - 1000 mm approx : Material for Body - 300 nm ThkM.S. Sheet Ejector blocks - Single hopper slider packer plate.			
	Tail hopper : The tailgate with hopper is the basic structure in which shall be housed the functional parts such as the slider and the packer plates.Arrangement of manual locking & unlocking of the gate will be provided. The device will be strong enough to withstand the reactionary.			
	Slider Plates : The plate shall be adequately dimensioned and reinforced and shall be of a robust design and shall be fabricated to withstand harsh operating conditions.It shall run on sliding blocks and shall be actuated by 2 nos. hydraulic cylinders. It shall be fabricated from high quality steel.			
	Packer Plates : The packer plate shall carry out the primary compaction in the hopper during its swivel cycle, at the end of which its movement continues to transport the refuse in the collection body.			
	Hydraulic System And drive : A hydraulic pump of adequate capacity to meet the operational requirements of the complete system shall be provided with the equipment.			
	Type :Fixed delivery type ,Displacement :44 CM per revolution Rated Speed :1400 RPM Flow at rated speed : 64 LPM			
	Hydraulic Cylinders : A total of 7 nos. hydraulic double acting cylinders shall be provided to carry out all the above functions of the refuse Collector unit.			
	1) 2 nos., double acting hydraulic cylinders for slider plate,			
	2) 2 nos.,double acting hydraulic cylinders for packer plate. e 2 nos., double acting hydraulic cylinders for tailgate lifting and auto locking arrangement.			
	3) 1 no., double acting, 3-stage cushioned cylinder for the ejector panel block.			
	Directional Control Valves : All valves are Lever Operated Type.			

Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
	Hydraulic Tank Capacity :100 Liters			
	Return line Filer : 25 Microns			
	Suction Line Filter :125 Micron			
ii	Capacity : 7.0 Cum	No.		3259389.00
	Max Engine Torque: 400(N-m),Gradeability of Vehicle (%):18,Drive Axle:Front,Gross Vehicle Weight :12990 kg, Wheel Base:3600 mm,Top Speed :80Kmph,Engine Aspiration System: Turbocharged Intercooled,Fuel Consumption (declared by OEM as certified by Test Agency under Rule 115of CMVR 1989) : (5 Ltr/ Hours), Kerb Weight (Kg):3645 kg,Fuel Tank Capacity (Ltrs)160 liter,Fuel Tank Capacity :160 liter,Vehicle Emission ComplianceBS-IV,Type of Fuel : Diesel, Turning Radius (mm): 7400 millimeter,Braking Distance : 5 meter,Type of Vehicle TyreBias, No. of Speed/ Forward Gears : 6,Type of Steering : Power Operated,No. of Front Tyre:2,Vehicle Transmission System: Manual,No. of Rear Tyre : 4,Max Engine : BHP123.3,Floor Area (mm ² :)978900 mm ² , Pay Load Capacity ; 8.32 Tonn Load , No of Axle : 2,Ground Clearance (mm) : 225 mm, Maximum pressure developed by hydraulic pump: 140 bar,			
	Overall Width (mm) : 2313 millimeter, Tip cart/bin cart lifing system : Yes,Overall Length (mm) : 6675 millimeter,Dumper placer arms system : Yes,Overall Height (cabin) (mm); 2165 millimeter Container Capacity(excluding hopper) : 7m3,PTO shaft rotation for hydraulic pump maximum pressure generation :1500 rpm,Replaceble filter provided in the hydraulic system return line: Yes, Alarm (buzzer); true,Discharge model:Horizontal Ejection, Hopper Capacity: 1.2 (m3)			
	Floor thickness (mm): 4 millimeter, Universal bin lifting system: Yes,Emergency Stop Button:Hopper's Both Sides,Maximum Hydraulic fluid circulation rate of hydraulic pump (lpm@rpm): 83,Sewager Tank volume (Ltrs):150 liter,Control: Electrically Hydraulic control, Compression ratio: 2, Roof panel thickness (mm) ; 4 millimeter,Side Panel thickness (mm) ; 4 millimeter, Discharge time (second): 25 second, Warranty Distance (km)unlimited during warranty period: 75000 km, No. of Free Service:3,Work cycle time: 45 second, Warranty Time : 12 month, Lift time :30 second ,Max compression force: 340Tonnes , Lift capacity : 1000 kg.			
iii	Capacity : 14 Cum	No.		1795851.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
	Technical Specification : Rear End Loading Refuse Compactor is mounted on a suitable truck chassis having minimum output rating of 130 HP & 4200 mm wheel base (mini)			
iv	<p>Loading Height - 1000 mm approx Material for Body - 300 nm Thk M.S. Sheet Ejector blocks - Single hopper slider packer plate</p> <p>Tail hopper: The tailgate with hopper is the basic structure in which shall be housed the functional parts such as the slider and the packer plates.</p> <p>Arrangement of manual locking & unlocking of the gate will be provided. The device will be strong enough to withstand the reactionary.</p> <p>Slider Plates : The plate shall be adequately dimensioned and reinforced and shall be of a robust design and shall be fabricated to withstand harsh operating conditions.</p> <p>It shall run on sliding blocks and shall be actuated by 2 nos. hydraulic cylinders. It shall be fabricated from high quality steel.</p> <p>Packer Plates : The packer plate shall carry out the primary compaction in the hopper during its swivel cycle, at the end of which its movement continues to transport the refuse in the collection body.</p> <p>Hydraulic System And drive: A hydraulic pump of adequate capacity to meet the operational requirements of the complete system shall be provided with the equipment.</p> <p>Type :Fixed delivery type Displacement :64 CM per revolution Rated Speed :1400 RPM ,Flow at rated speed :87 LPM</p> <p>Hydraulic Cylinders: A total of 7 nos. hydraulic double acting cylinders shall be provided to carry out all the above functions of the refuse Collector unit.</p> <p>1) 2 nos., double acting hydraulic cylinders for slider plate.</p> <p>2) 2 nos.,double acting hydraulic cylinders for packer plate. e 2 nos., double acting hydraulic cylinders for tailgate lifting and auto locking arrangement.</p> <p>3) 1 no., double acting, 3-stage cushioned cylinder for the ejector panel block.</p> <p>Directional Control Valves : All valves are Lever Operated Type.</p> <p>Hydraulic Tank Capacity :100 Liters</p> <p>Return line Filer : 25 Microns</p> <p>Suction Line Filter :125 Micron</p>			
	Capacity : 14 Cum	No.		4179073.00

Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
	Gross Vehicle Weight : 16200 kg, Type of Vehicle; Radial, Vehicle Emission Compliance : BS-IV, Ground Clearance : 248 mm, No. of Speed/ Forward Gears: 6 , Vehicle Transmission System: Manual , Pay Load Capacity : 11 Tonn Load, Kerb Weight : 6025 kg, Top Speed: 80Kmph, No. of Rear Tyre: 4, No of Axle: 2, Engine Aspiration System Turbocharged Intercooled, Type of Steering: Power Operated, No. of Front Tyre : 2, Braking Distance: 32.8 meter, Wheel Base : 4225 mm, Drive Axle : Rear , Type of Fuel: Diesel, Fuel Consumption (declared by OEM as certified by Test Agency under Rule 115 of CMVR 1989); 8 Ltr/ Hours			
	Max Engine Torque ; 490N-m , Fuel Tank Capacity : 225 ltr, Turning Radius : 9000 mm, Floor Area : 12.9 mm ² , Gradeability of Vehicle: 23%, Max Engine; 136 BHP, Alarm (buzzer) ; true, Overall Width ; 2440 mm, Hopper Capacity: 1 cum , Tip cart/bin cart lifting system; Yes, Container Capacity (excluding hopper) : 14 cum , Universal bin lifting system: Yes, Discharge model : Horizontal Ejection, Side Panel thickness: 3 mm , Emergency Stop Button Hopper's Both Sides, Overall Height (cabin) : 4000 mm, Floor thickness : 4 mm ,			
	Dumper placer arms system: Yes, Overall Length : 5920 mm Compression ratio : 2, Roof panel thickness : 4 mm , Replaceable filter provided in the hydraulic system return line Yes, Maximum Hydraulic fluid circulation rate of hydraulic pump (lpm@rpm): 67, Control ; Manual Hydraulic control, Sewage Tank volume : 60 liter, Maximum pressure developed by hydraulic pump : 240 bar, PTO shaft rotation for hydraulic pump maximum pressure generation : 1200 rpm, Warranty Distance (km) unlimited during warranty period: 10000 km, No. of Free Service: 4, Discharge time : 20 second, Lift time : 10 second, Warranty Time : 12 month.			



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
3	GARBAGE COMPACTOR : Supply of Garbage Compactor with 7 Cum capacity fixed on EitherTATA , Ashoka layland or any other equivalent Chassis powered by reputed company engine for hydraulic with necessary FBV & container body of following specification , gear box, heavy duty standard co.,tyres , transportation, loading , unloading at site and one year guarantee with third party coverage etc, complete as directed by Engineer- in-Charge .	No.		2597352.00
4	GARBAGE TIPPER MOUNTED ON THREE WHEELER :Providing erecting garbage tipper maounted on three wheeler i.e. TATA , Ashoka layland, Mahindra or any other equivalent for having capacity of Garbage up to 1 ton with carrying Dry and wet garbage separate. It should be operated through 12 V Battery operated power pack hydraulic system. one year guarantee with third party coverage etc, complete as directed by Engineer- in-Charge ..	No.		313603.00
5	E-TIPPER (THREE WHEELER) : Providing & supplying at site Battery Operated Tipper for Waste Collection. Motor 850 (48V DC), 380 RPM BLDC, - Controller 24 Tube - Front Tyre 4.00.12 - Rear Type 4.50.10 - All local Brand Tyre Applicable - Wind Shield & Manual Wiper Front Break Manual Yoke Rear Oil Cylinder Brake - Crown Pinion Gear box-Improved Rear wheel Housing-Digital Indicator Meter-Dual Barrings on Axel/Drumbattery :5 Batteries of 150ah/12v with Charger ,Tipper Specifications:Tipper made from MS sheet of 18 Gauge with Hydraulic settings. one year guarantee with third party converage etc, complete as directed by Engineer- in-Charge .	No.		396134.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
6	GARBAGE TIPPER MOUNTED ON FOUR WHEELER : Revised Specification as per Gem Portal Providing & supplying at site Hopper Tipper Dumper used for garbage Usage/Application: Garbage Type of Fuel: Petrol Vehicle Emission Compliance: BS VI (OBD2) Maximum Engine Power Range (in KW): :≤100 Category of Vehicle for which Chassis to be used: Light Commercial Vehicle Front Vehicle Brake: Disc Brake Rear Vehicle Brake: Drum Brake Vehicle Transmission System : Manual Type of Steering: Manual Vehicle Air Intake System: Turbocharged Axle Configuration: 4 X 2 Air Conditioning: No Warranty Period 1 Years or 1 lakh kms., whichever is earlier Battery Warranty (Month): 12 month Gross Vehicle Weight (Kg) (Kerb Weight of the Vehicle + Payload): 1615 kilogram Payload Capacity (Fabricated Body/Empty Container Weight + Weight of Materials to be Carried) :750 kilogram Type of Tipper:Garbage Tipper Hopper Tipper Dumper Container Capacity/Volume (cubic metres): 3 cubic meter Tipper Container Material : Mild Steel	No.		618644.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
7	GARBAGE TIPPER MOUNTED ON FOUR WHEELER : Revised Specification as per Gem Portal Providing & supplying at site Hopper Tipper Dumper used for garbage Usage/Application: Garbage Type of Fuel: Diesel Vehicle Emission Compliance: BS VI (OBD2) Maximum Engine Power Range (in KW): :≤100 Category of Vehicle for which Chassis to be used: Light Commercial Vehicle Front Vehicle Brake: Disc Brake Rear Vehicle Brake: Drum Brake Vehicle Transmission System : Manual Type of Steering: Manual Vehicle Air Intake System: Turbocharged Axle Configuration: 4 X 2 Air Conditioning: No Warranty Period 1 Years or 1 lakh kms., whichever is earlier Battery Warranty (Month): 12 month Gross Vehicle Weight (Kg) (Kerb Weight of the Vehicle + Payload): 2590 kilogram Payload Capacity (Fabricated Body/Empty Container Weight + Weight of Materials to be Carried) :1567 kilogram Type of Tipper:Garbage Tipper Hopper Tipper Dumper Container Capacity/Volume (cubic metres): 2.5 cubic meter Tipper Container Material : Mild Steel	No.		713135.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 23-24
8	GARBAGE TIPPER MOUNTED ON FOUR WHEELER : Revised Specification as per Gem Portal Providing & supplying at site Hopper Tipper Dumper used for garbage Usage/Application: Garbage Type of Fuel: Diesel Vehicle Emission Compliance: BS VI (OBD2) Maximum Engine Power Range (in KW): >100 & < 200 Category of Vehicle for which Chassis to be used: Light Commercial Vehicle Front Vehicle Brake: Drum Brake Rear Vehicle Brake: Drum Brake Vehicle Transmission System: Manual Type of Steering: Power Vehicle Air Intake System: Natural Axle Configuration: 4 X 2 Air Conditioning: No Warranty Period 1 Years or 1 lakh kms., whichever is earlier Battery Warranty (Month): 12 month Gross Vehicle Weight (Kg) (Kerb Weight of the Vehicle + Payload): 4650 kilogram Payload Capacity (Fabricated Body/Empty Container Weight + Weight of Materials to be Carried) :2510 kilogram Type of Tipper:Garbage Tipper Hopper Tipper Dumper Container Capacity/Volume (cubic metres): 4.5 cubic meter Tipper Container Material : Mild Steel	No.		1673729.00
9	Providing and supplying the Vehicles of Medium Capacity to collect and transport daily collected segregated waste of good make and standards specifications...etc complete transportation upto required place as directed by Engineer-in-Charge . Minitruck (Size:4.3x1.5m)	No.		537319.00





SECTION 3 - PROCESSESING & DISPOSAL **OF SOLID WASTE**

Processing & Disposal of Solid Waste

Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
A	Equipments for Processing			
1	COMPOST SCREENING SYSTEM WITH BELT CONVEYOR : Providing , erecting & giving trial test of components of compost screening system with belt conveyor.This screening system is intended to screening of compost in mechanizedway i.e. feeding of composted garbage by means of front end loader and collection of screened compost by means of belt conveyer and oversized unscreened collection is also done by belt conveyor thus to drastically reduces the handling of garbage by human being and enhances the production capacity of the system. System consisting Screen , belt conveyor and belt feeder of following specifications including transportation, loading, unloading , one year guarantee with third party converage etc, complete as directed by Engineer- in-Charge .	No.		3758944.00
	a) Screen Cap : 25 TPD Material to be screened : compost (from Garbage Overall Dimensions : Screen Diameter = ϕ 1200 mm , Length = ϕ 4500 mm Meterial of Construction : 1.6 mm thick Sreen with ϕ 4 mm perforation Reinforcement Section : 10 mm thick Flat rings and 5 mm thick end shells Drive : 3.00 HP Geared Motor of desired O/P RPM Supporting Structure : Fabricated form Channel 125x65 Electrical Control : Consisted with fuse less protection, With emergency switch and VFD for setting of desired RPM for screen Finishing and painting : Entire machine exposed surface is grong and to be painted with enamel paint of customer desired shade.			
	b) Belt conveyor & Belt Feeder Cap : 25 TPD Type : Belt Feeder = BC -1, BC-2, @ BC-3 Single Roll Flat Belt = Three Equal roll trough belt. Material to be handled : compost (Converted from Garbage) Center / Cnter length : Belt Feeder =4.00 Mtr , BC -1 & BC-2 = 9.5 Mtr , BC-3 = 7.00 Mtr Belt Width : Belt Feeder = 700mm , BC -1, BC-2, BC-3 = 600 mm.			



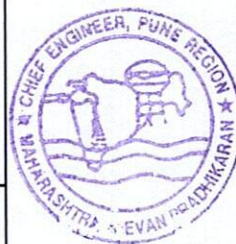
Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
	Conveyor frame : Channel 100 x 50 Drive / Tall Drum : ϕ 320 mm with ϕ 50 mm shaft at bearing side. Carrying / Return Idler : ϕ 76 mm with Bearings & Seal at both side Drive all equipments : 3.00 HP Geared Motor of desired O / P RPM Supporting Structure : Fabricated form Channel 100x50 Take up : Screw type take up for belt tighening Electrical Control : Consisted with fuse less protection, with emergency switch. Hopper : Feed hopper to be provided for belt feeder to enable the feeding of grabage by means of front end loader. Finishing and painting : Entire machine exposed surface is ground and to be painted with enamel paint of customer desired shade.			
2	SCREENING MACHINE WITH BELT CONVEYOR : Providing , erecting & giving trial test of components of screening machine with belt conveyor of capacity 16 TPD. It consists screening machine and conveyor belt of following specifications including transportation, loading, unloading , one year guarantee with third party converage etc, complete as directed by Engineer-in-Charge .	No.		1641479.00
	a) Screen Machine Capacity : 16 TPD Material to be Screened :Compost (Converted from Garbage) Overall Dimensions : Screen Diamete- ϕ 1200 mm , Length- 4500mm Material Of Construction : 1.6 mm Thick Screen with 24 mm perforation Reinforcement Section :10 mm thick Flat rings and 5 mm thickend shells Drive : 3.00 HP Geared Motor of desired O/PRPM Supporting Structure : Fabricated form Channel Electrical Control : Consisted with fuseless protection, With emergency switch and VFD for setting of desired RPM for screen Finishing and painting ; Entire machine exposed surface is ground and to be painted with enamel paint of customer desired shade. b) Belt Conveyor Capacity : 16 TPD Type : Three Equal roll trough belt Conveyor Material to be handled : Compost (Converted from Garbage) Center / Centre Length : 9.5 Mt.			



Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
	Belt Width : 600 mm			
	Conveyor frame : Channel 100 X 50			
	Drive/Tail Drum : Ø320 mm with Ø50 mm shaft at bearing step			
	Carrying / Return Idler : Ø 76 mm with Bearings & Seal at both side			
	Drive all equipments : 3.00 HP. Geared Motor of desired O/P RPM			
	Supporting Structure : Fabricated form Channel 100X 50			
	Takeup : Screw type take up for belt tightening			
	Electrical Control : Consisted with fuseless protection, With emergency switch			
	Finishing and painting : Entire machine exposed surface is ground and to be painted with enamel paint of customer desired shade.			
3	SINGLE SHAFT SHREDDER MACHINE : Providing , erecting & giving test trial of components of single shaft shredder machine of capacity 10 TPD, Machine consisting sorting conveyor, screw conveyor and shredding machine of following specifications including transportation, loading, unloading , one year guarantee with third party converage etc, complete as directed by Engineer- in-Charge .	No.		1603600.00
	A) SHREDDING MACHINE - Technical Specification Capacity : Minimum 10 TPD Inside Dimensions : 450 mm X 600 Rotor Diameter : 440 mm Shredder Main Shaft :Hexagonal Shape of 1100 Shredding Cutters : 40 mm X 40 mm X 150 Fixed blades : 20 mm thick SS-210 blades With profile cutting edges Supporting Cutter blades : 12 mm Thick SS-210 blades with profile cutting edges Shredder body : 10 mm. thick M. S. Plate Drive Motor : 7.5 H.P. 1440 RPM. Machine Structure : 125X 65 channel. Painting and Finishing : Entire machine exposed surface is ground and to be painted with enamel paint of customer desired shade. B) SORTING CONVEYOR-Technical Specification Capacity : minimum 10 TPD Type of Conveyor :Slider bed type Bet Width : 600 mm Wide Drive and Tail pulley : Ø 2220 mm with Ø 250 mm shaft @ brg step Conveyor Structure : Carrying side slider will be of Drive arrangement : 1.00 HP geared motor of			



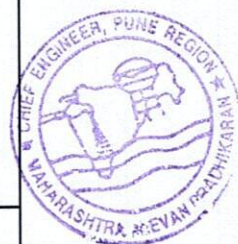
Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
	Electrical control : Variable Frequency provided in electrical control panel to set the desired conveyor speed as per the availability sorting labour and nature of the garbage. Belt Tightening : Screw type take-up			
	Finishing and painting : Entire machine exposed surface is ground Entire machine exposed surface is ground and to be painted and to be painted with enamel paint of customer desired shade. C)SCREW CONVEYOR -Technical Specification Capacity : Minimum 10 TPD Screw Diameter / Pitch : Ø 225 mm / 225 mm MOC of Screw flights : 3.00 mm thick M. S. Casing : Fabricated from 3.00 mm thick M.S Screw Pipe : Ø 60,3 mm OD Drive Moto : 1.00 HP geared motor of desired O/P RPM Supporting cutter blades : 12 mm thick SS-210 blades with profile cutting edges Painting and Finishing : Entire machine exposed surface is ground and to be painted with enamel paint of customer desired shade.			
4	TWIN SHAFT SHREDDING MACHINE : Providing , erecting & giving test trial of components of twin shaft shredding machine of capacity 10 M.TPD (8 Hours/Day), sorting conveyor and shredder of following specifications including transportation, loading, unloading , one year guarantee with third party converage etc, complete as directed by Engineer- in-Charge .	No.		2011667.00
	A) SORTING CONVEYOR -Technical Specification Material to be handled : Bio Degradable Waste Capacity :Minimum 10 M.T Per Day (8 Hours/Day) Conveyor Length : 5.2 Mtr. (Approx) Beft : 700 mm Wide Drive/Tail Pulley : Ø 250 mm Conveyor Frame : SHS.40X40 mm pipe and 2.5 Belt tightening arrangement : Screw type take Drive : 1.5 HP Foot mounted geared motor Conveyor support : RHS 80X40 Electrical control : Variable Frequency provided in electrical control panel to set the desired conveyor speed as per the availability Sorting labour and			



Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
	Finishing and painting : Entire machine exposed surface is ground Entire machine exposed surface is ground and to be painted and to be painted with enamel paint of customer desired shade.			
	B) SHREDDER-Technical Specification			
	Material to be shredded : Bio Degradable Waste			
	Capacity : Minimum 10 M.TPD (8Hours/Day)			
	Shredder casing : 680 mm wide X 725 mm long			
	MOC of Casing : 10 mm thick M. S. Plate			
	Cutter blade diameter : 18 mm thick Ø 340 mm equal Spaced			
	Cutter blade holding shaft : 2 Nos. polygon shaped Ø70mm @brg step			
	Fixed blades : Side mounted fixed blades of suitable profile is to be provided.			
	Drive : 10.00 HP. Geared motor			
	Shredder support : Channel X 6.5M.S. channel			
	Painting & Finishing : All M.S. Structure is to be painted with One Coat of red oxide & one coat Ename paint after finishing work by grinding etc.			
	Feed Hooper : Fabricated from 3.00 mm			
	Electrical control : Consisted with fuseless protection, With emergency switch			
	Finishing and painting : Entire machine exposed surface is ground and to be painted with enamel paint of customer desired shade.			
5	SIMPLE PROCESSING MACHINE : Providing , erecting & giving test trial of components of Simple processing machine of capacity 9 M.T. per 12 hours working. Machine having following specificationsincluding transportation, loading, unloading , one year guarantee with third party converage etc, complete as directed by Engineer-in-Charge .	No.		697078.00
	Technical Specification			
	Capacity : 9 M.T. per 12 hours working.			
	Overall Dimensions in mm : (W) 1170X 1800 (with Hopper) X (H) 1900			
	Motor : 4 Way "V" Belt Pulley			
	Secondary Drive : 20 HP, foot Mounted 1440 RPM			
	Material of Construction : MS Sheet of Suitable Size along with base frame of ISMC150X75 Channel			
	Electrical Control : Consisted with fuseless protection, with emergency switch.			



Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
	Finishing and Painting : Entire machine exposed surface is ground and to be painted with enamel paint of customer desired shade.			
B	Items for Sanitary landfill and closure			
1	Cutting, Dozing and spreading of Municipal Solid waste as well as natural ground with the help of Dozer or any other suitable machinery/equipment and compacting the M.S.W/soil with the help of Dozer it self up to required line & level. Excess of waste cut will be shifted with in the plot as per instruction given by Engineer-In-Charge. The newly filled area must also be compacted with the dozer up to required compaction etc. complete as directed by Engineer-in-Charge .	cum		262.00
2	Bentonite addition 6% in soil which is to be used for compacted clay liner . Specs- As per Manufacturer's specs (Note: After adding bentonite in the soil. It should be tested in the laboratory & if permeability is less than 1×10^{-7} cm/s the soil should be changed)	MT		6633.00
3	Providing and installing Submerssible 5HP Leachate pump of ISI mark dry type squirrel cage induction type,IP 68 the class of insulation is F-class having SD 50m ,2880 RPM,3Phase, DOL, using copper cable of aprox 15m in length of size $1 \times 4 \times 2.5 \text{mm}^2$, discharge size 80mm, capacity 16 to 20cum per hr with head of 16 to 20m including all electrical connections ,starter making connection to the motor and other safty devices to electrical panel board as per manufacurers specification.	No.		73796.00
4	Providing and installing Submerssible 7.5 HP Leachate pump of ISI mark dry type squirrel cage induction type,IP 68 the class of insulation is F - class having SD 50m ,2880 RPM,3Phase, DOL, using copper cable of aprox 15m in length of size $1 \times 4 \times 2.5 \text{mm}^2$, discharge size 80mm, capacity 16 to 20cum per hr with head of 16 to 20m including all electrical connections ,starter making connection to the motor and other safty devices to electrical panel board as per manufacurers specification.	No.		88555.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
5	Providing and installing Submersible 10HP Leachate pump of ISI mark dry type squirrel cage induction type, IP 68 the class of insulation is F- class having SD 50m ,2880 RPM, 3Phase, DOL, using copper cable of approx 15m in length of size $1 \times 4 \times 2.5 \text{ mm}^2$, discharge size 80mm, capacity 16 to 20 cum per hr with head of 16 to 20m including all electrical connections ,starter making connection to the motor and other safety devices to electrical panel board as per manufacturers specification.	No.		118073.00
C	Processing & Disposal of Solid Waste			
1	BIOMINING OF MUNICIPAL SOLID WASTE : Excavation for removing the existing solid waste comprising of degradable, Plastic, construction and demolition waste ,earth etc. accumulated in the existing dump sites to required level, by deployment of labour and using screens of different sizes for sieving, using mechanical excavators and suitable equipments and transporting the excavated material (mixed solid waste) to the sieving area for sieving , segregation of the biodegradable , plastics , construction and demolition waste, soil, recyclable materials etc and storing, packing and transporting upto 0.5 km distance as per the direction of engineer in charge . Payment will be made only on volumetric basis on pre and post levels taken at the area cleared off waste.			
a	Excavation, transportation, sieving of existing waste and its segregation (without Biominning Machinery) Small dumpting with Mannual operation			443.00
b	Excavation, transportation, sieving of existing waste and its segregation (with Biominning Machinery)			
b i	Small dumping with Mannual operation Capacity Below 25 Cum			474.00



Item No.	Description	Unit	Labour Rate	Completed Item Rate for 23-24
b ii	Medium dumping with Machine operation Capacity 26-50 Cum			492.00
b iii	Medium dumping with Machine operation Capacity 51-100 Cum			486.00
b iv	Medium dumping with Machine operation Capacity Above 100 Cum			480.00
2	Providing & Supplying Steel Sieve of various sizes of Mesh.			
a	4mm Sieve Frame size-1.5mx1m	No.		2800.00
b	16mm Sieve Frame size-1.5mx1m	No.		1583.00
c	35mm Sieve Frame size-1.5mx1m	No.		1191.00





SECTION 4- GARBAGE WEIGHING **MACHINE**

Garbage Weighing Machine

Item No.	Description	Unit	Labour Rate	Completed Item Rate for Yr 2018-19
1	Providing & Supplying, Fixing, weigh bridge of 20 to 50 MT load with micro controller based fully electronic weighbridges are equipped with high precision hi-tech sensortyonics make double ended shear beam Type load cells (Model : 65058) enriched by sophisticated undicator and strong rugged platform thus assuring the accuracy and reliabilty of the product, Capacity : 25 T / 50 Tonnes with Four sensortyonics Loadcells, Only Accuracy : 5 Kgs. Loadcells which are Repairable and accurate at all corners. Platform size : 7 meter x 3 meter. Mounting it over the civil column. The rates of weighbridge are including all material cost & Labour cost loading, unloading transportation, etc. complete as directed by Engineer- in-Charge .	No.		587103.00
2	ELECTRONIC WEIGHING SCALE PLATFORM : Providing & Supplying, Fixing, weigh bridge of following load with micro controller based fully electronic weighbridges are equipped with high precision assuring the accuracy and reliabilty of the product. Loadcells which are repairable and accurate at all corners of the weighbridge. Mounting it over the civil column. The rates of weighbridge are including all material cost & Labour cost loading, unloading transportation, etc. complete as directed by Engineer- in-Charge .			
	i) CAPACITY : 1000 Kg with Accuracy : 200 gms Platform size : 1 meter x 1 meter	No.		17865.00
	ii) CAPACITY : 500 Kg with Accuracy : 100 gms Platform size : 0.7 meter x 0.7meter	No.		11088.00

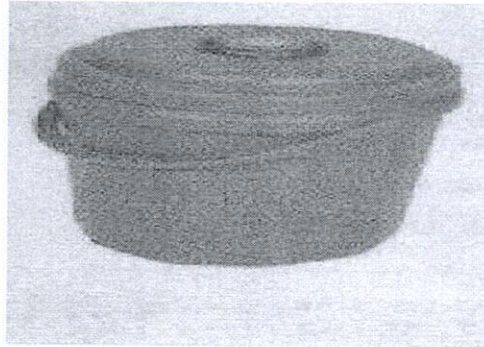




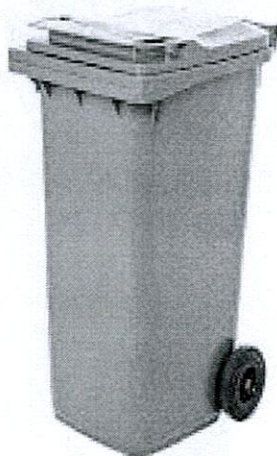
TYPE MODELS

**SCHEDULE OF RATES OF SOLID WASTE
MANAGEMENT FOR THE YEAR 2023-24**

**Section 1: Primary collection of Solid waste, Item No. 1 House hold &
Collection bin.**



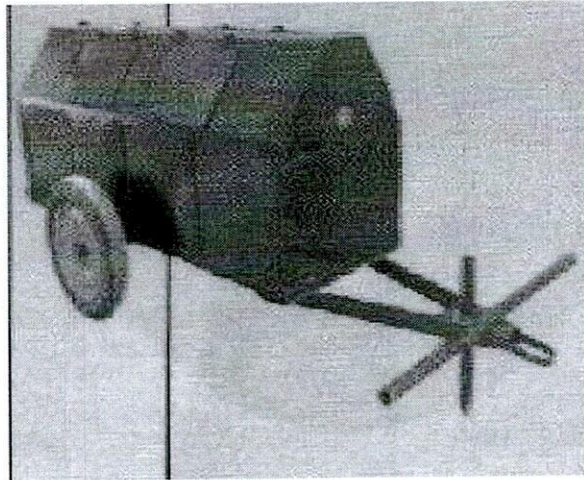
**Section 1: Primary collection of Solid waste, Item No. 2 SINTEX
/SUPREME OR EQUIVALENT BINS**



**Section 1: Primary collection of Solid waste, Item No. 3 Waste bin For
streets**



Section 1 : Primary collection of Solid waste, Item No. 4 Waste Bin For Street (Tractor trailed Two wheeler container)

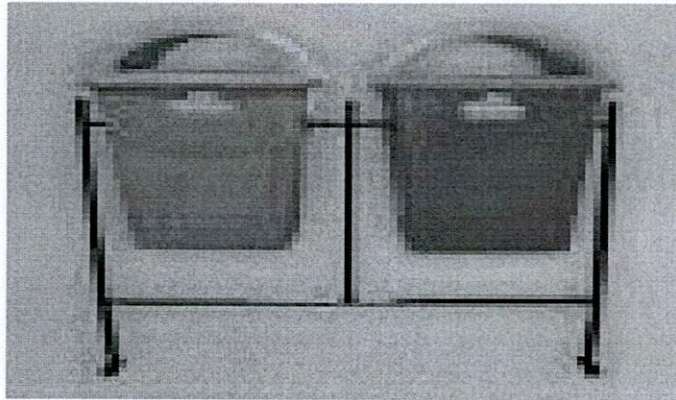


Section 1: Primary collection of Solid waste, Item No. 5 Floor mounted Garbage Bin

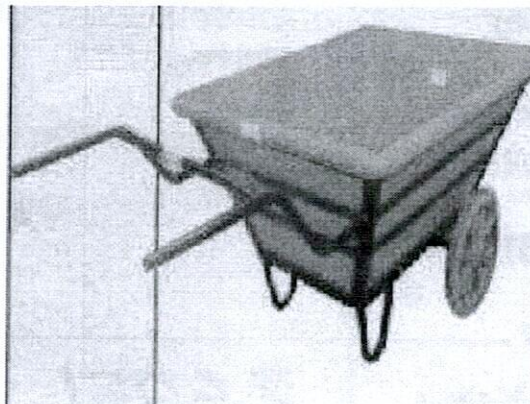
i) Single bin with stand



ii) Twin Bin with stand



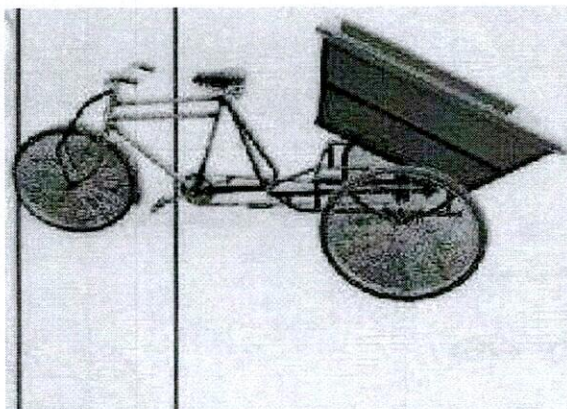
Section 1: Primary collection of Solid waste, Item No. 6 Hand Cart For Waste Collection



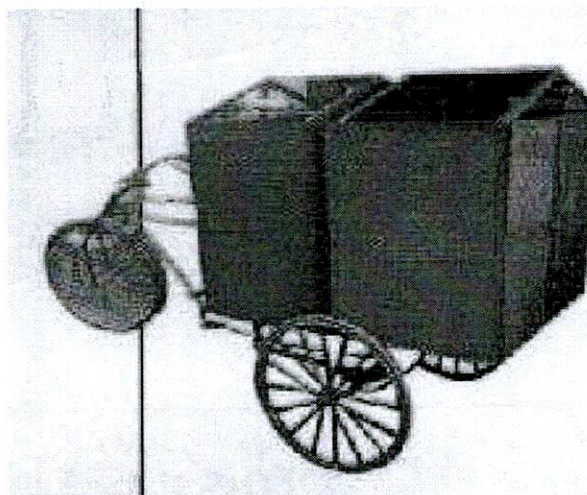
Section 1: Primary collection of Solid waste, Item No. 7 Segregation handcart



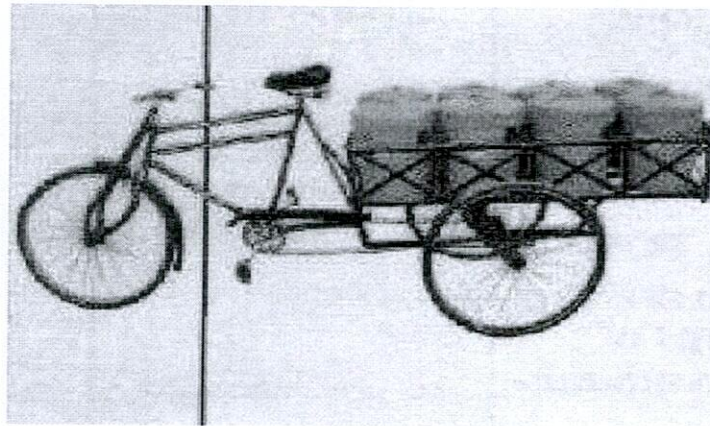
Section 1: Primary collection of Solid waste, Item No. 8 Door to door collection tricycle



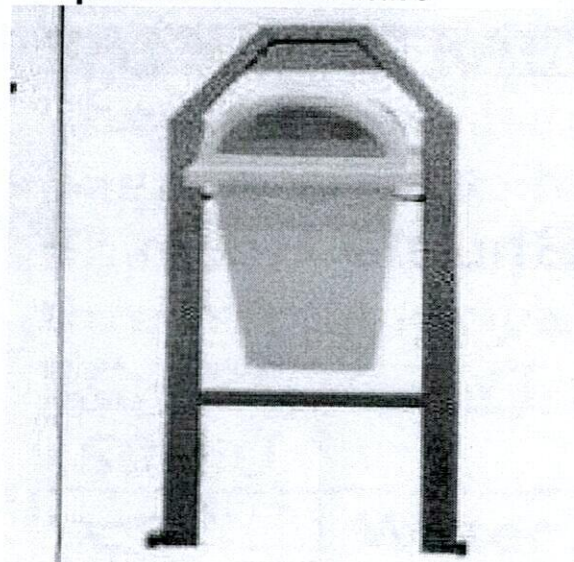
Section 1 : Primary collection of Solid waste, Item No. 9 Door to door segregation tricycle



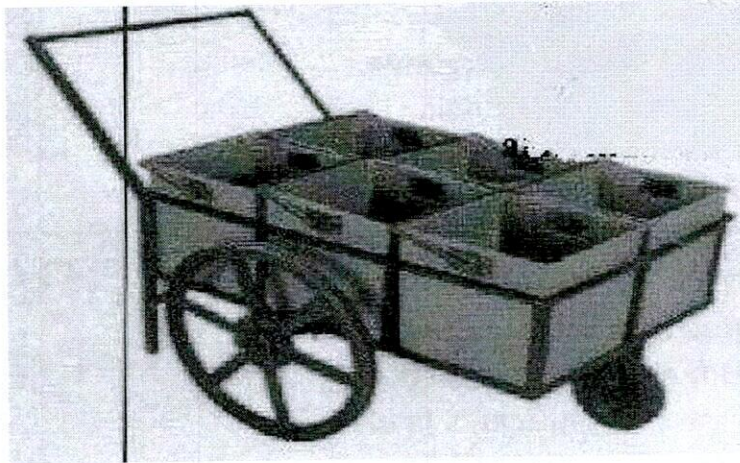
Section 1 : Primary collection of Solid waste, Item No. 10 Tricycle with Eight square bucket



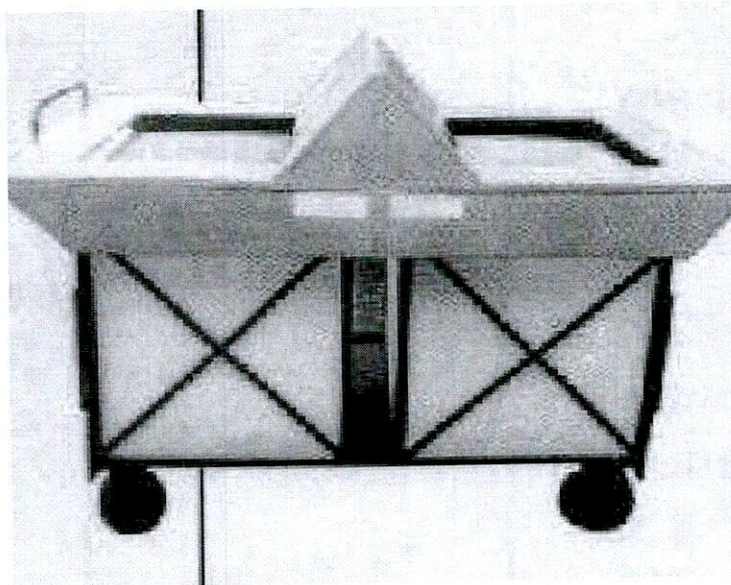
Section 1: Primary collection of Solid waste, Item No. 11 Litter Bin with permanent Structure



Section 1 : Primary collection of Solid waste, Item No.12 Bucket wheel barrow



Section 1 : Primary collection of Solid waste, Item No. 13 Double container trolley for street



**Section 1 : Primary collection of Solid waste, Item No. 14 Vehicle with
twin compartments**



Section 2: Secondary collection of Solid waste, Item No. 1 Garbage container open

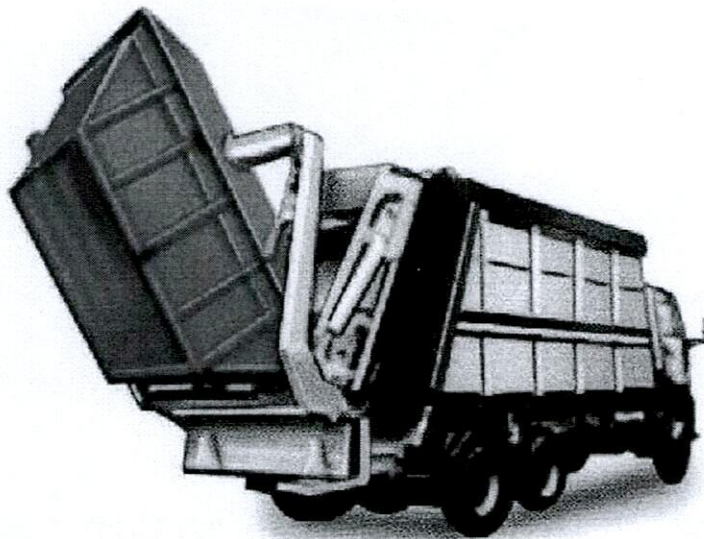


Fig. 1 Container Cap. 1.1 Cum

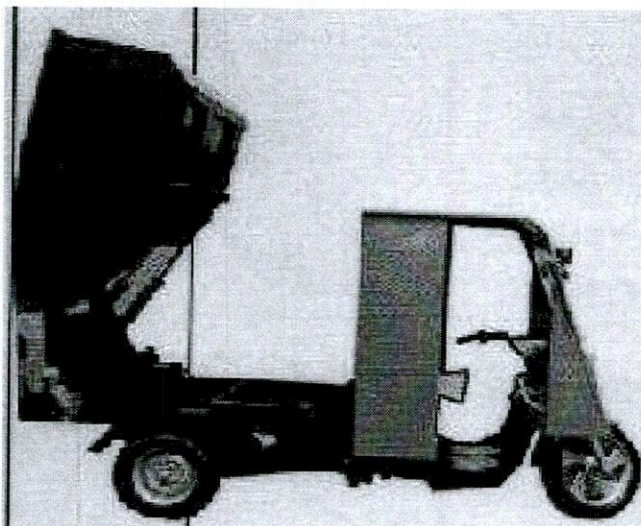


Fig. 2 Container Cap. 4.5 Cum

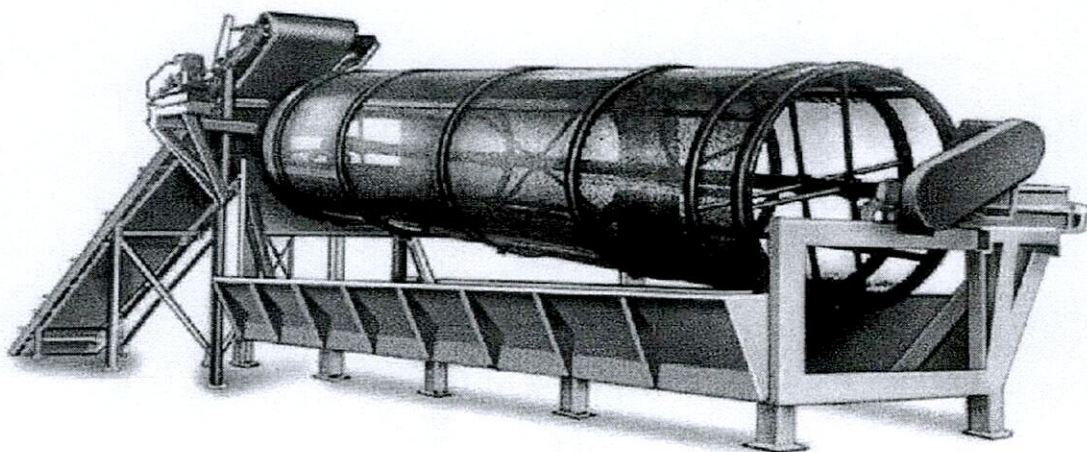
Section 2: Secondary collection of Solid waste, Item No.2 Rear end loading refuse compactor



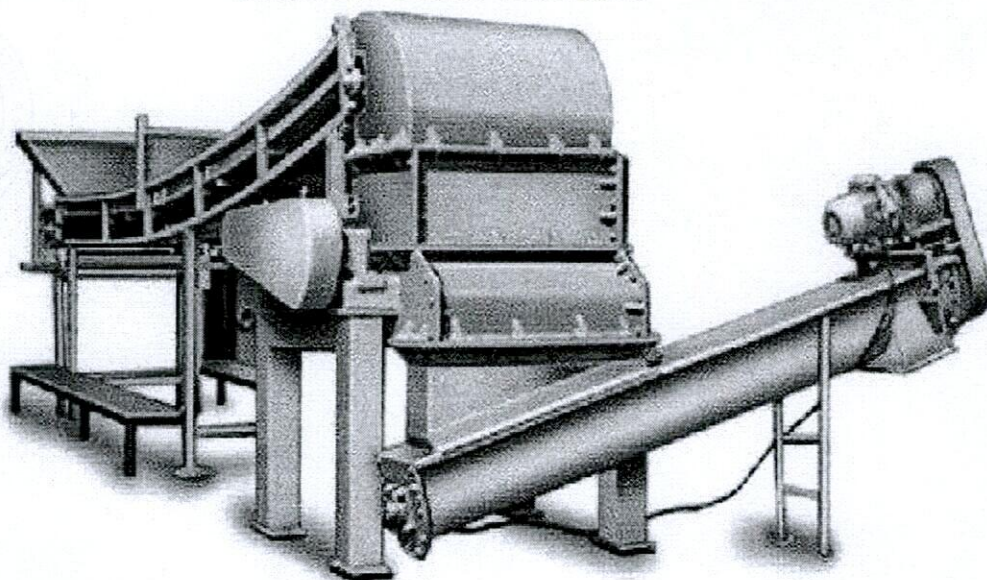
Section 2: Secondary collection of Solid waste, Item No. 5 E- Tipper



**Section 3 : Items for processing & Disposal of waste, Item No.2
Screening machine with belt conveyor**



**Section 3 : Items for processing & Disposal of waste, Item No.3 Single
shaft shredder machine**



Section 3: Processing & Disposal of Solid Waste, Item No.5 Simple processing machine

