

Minutes of the 1st Meeting of the Bid Evaluation cum Tender Committee for procurement of household bins (10 ltr capacity) pertaining to Solid Waste Management through e-procurement on GeM portal

Name of the Work: Supply and delivery at site of 48,800 nos. of household bins – 10 Liter capacity

GeM Bid No.: GeM/2019/B/262324 Dated 18/06/2019

Venue: Conference Hall- SUDA

Date: July 2nd, 2019

Time: 2:30 pm

Members present:

Sl. No.	Name	Designation
1.	Smt. Debarati Dutta Gupta	Director, SUDA & State Mission Director, SBM(U)
2.	Shri Santanu Mukherjee	Joint Secretary, UD&MA Dept, Govt. of West Bengal and Additional Mission Director, SBM (U), SUDA
3.	Shri T.K. Hazra	Financial Advisor, SUDA
4.	Shri Amitava Das	Deputy Director, SUDA
5.	Shri Parag majumdar	Chief Engineer, Electro mechanical Sector, KMDA
6.	Shri Dipak Naskar	Executive engineer, SUDA

The Bid Evaluation cum Tender Committee for procurement of equipment and vehicles pertaining to Solid Waste Management through e-procurement on GeM duly formed as per approval of the Principal Secretary, UD&MA Department, Govt. of West Bengal to evaluate bidding process for procurement of 48800 nos. of household bins having 10 liters capacity through Government e-Marketplace (GeM), met in its first meeting on July 2, 2019.

At the outset, Executive Engineer, SUDA explained the bid's terms & conditions along with the technical specification of the household bins before the Committee Members that has been opted on GeM portal for the present procurement.

The Committee accepted the bid's terms & conditions along with the technical specification as were iterated in the procurement process.

Then, a synopsis of the Bid Documents submitted by the bidders was presented before the Committee by Executive Engineer, SUDA. After a threadbare discussion following observations were made:

Evaluation of Technical Bids for household bins – 10 Liter capacity

1. Eight bids by eight different agencies were submitted for household bins – 10 Liter capacity.

The names of the bidders are as follows:

- a. M/s Shyamji Trading Company
- b. M/s Ghanshyam Fabricators
- c. M/s Nilkamal Limited
- d. M/s Swastik International
- e. M/s Duo Machines Corporation
- f. M/s Purushottam Marketing India
- g. M/s Ascar E Office Solutions
- h. M/s Ritika Printech Private Limited

2. On thorough scrutiny of the bids, the Committee observed the following:

Sl No	Name of the Bidder	Observation made by the Committee
1.	Shyamji Trading Company	i. EMD not submitted ii. No experience with Government for 5 years iii. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted iv. The certificate as was required in Additional Terms & Conditions (ATC) was not submitted
2.	Ghanshyam Fabricators	i. The certificate as was required in ATC was not submitted
3.	Duo Machines Corporation	i. No experience with Government for 5 years
4.	Purushottam Marketing India	i. No experience with Government for 5 years ii. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted
5.	Ascar E Office Solutions	i. EMD not submitted ii. No experience with Government for 5 years iii. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted iv. The certificate as was required in ATC was not submitted
6.	Ritika Printech Private Limited	i. No experience with Government for 5 years

3. In light of the above grounds it was decided by the Committee that M/s Nilkamal Limited and M/s Swastik International are found eligible for participating in the financial bid for supply and delivery at site of 48,800 Nos. of household bins – 10 Liter capacity.
4. On scrutiny of technical specifications & general terms and condition, it was decided by the Committee that M/s Shyamji Trading Company, M/s Ghanshyam Fabricators, M/s Duo Machines Corporation, M/s Purushottam Marketing India, M/s Ascar E Office Solutions and M/s Ritika Printech Private Limited failed to qualify for technical evaluations and participate in the financial bid for supply and delivery at site of 48,800 nos. of household bins – 10 Liter capacity.

As only two bidders were found technically eligible, the Committee advised to refer the matter to Administrative department.

The meeting ended with vote of thanks to and from the chair.


Director, SUDA
& State Mission Director, SBM(U)

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Minutes of the 1st Meeting of the Bid Evaluation cum Tender Committee for procurement of household bins (10 ltr capacity) pertaining to Solid Waste Management through e-procurement on GeM portal

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2.	Ghanshyam Fabricators	i. The certificate as was required in ATC was not submitted
3.	Duo Machines Corporation	i. No experience with Government for 5 years
4.	Purushottam Marketing India	i. No experience with Government for 5 years ii. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted
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3. In light of the above grounds it was decided by the Committee that M/s Nilkamal Limited and M/s Swastik International are found eligible for participating in the financial bid for supply and delivery at site of 48,800 Nos. of household bins – 10 Liter capacity.

4. On scrutiny of technical specifications & general terms and condition, it was decided by the Committee that M/s Shyamji Trading Company, M/s Ghanshyam Fabricators, M/s Duo Machines Corporation, M/s Purushottam Marketing India, M/s Ascar E Office Solutions and M/s Ritika Printech Private Limited failed to qualify for technical evaluations and participate in the financial bid for supply and delivery at site of 48,800 nos. of household bins – 10 Liter capacity.

As only two bidders were found technically eligible,

^ The Committee advised to ~~move~~ ^{refer file & refer to} Administrative department for obtaining necessary guidance, for opening of financial bid and issue of supply order on GeM.

The meeting ended with vote of thanks to and from the chair.

Director, SUDA
& State Mission Director, SBM(U)

Minutes of the 1st Meeting of the Bid Evaluation cum Tender Committee for procurement of household bins (15 ltr capacity) pertaining to Solid Waste Management through e-procurement on GeM portal

Name of the Work: Supply and delivery at site of 2,50,680 nos. of household bins – 15 Liter capacity

GeM Bid No.: GeM/2019/B/262366 Dated 18/06/2019

Venue: Conference Hall- SUDA

Date: July 2nd, 2019

Time: 2:30 pm

Members present:

Sl. No.	Name	Designation
1.	Smt. Debarati Dutta Gupta	Director, SUDA & State Mission Director, SBM(U)
2.	Shri Santanu Mukherjee	Joint Secretary, UD&MA Dept, Govt. of West Bengal and Additional Mission Director, SBM (U), SUDA
3.	Shri T.K. Hazra	Financial Advisor, SUDA
4.	Shri Amitava Das	Deputy Director, SUDA
5.	Shri Parag majumdar	Chief Engineer. Electro mechanical Sector, KMDA
6.	Shri Dipak Naskar	Executive engineer, SUDA

The Bid Evaluation cum Tender Committee for procurement of equipment and vehicles pertaining to Solid Waste Management through e-procurement on GeM duly formed as per approval of the Principal Secretary, UD&MA Department, Govt. of West Bengal to evaluate bidding process for procurement of 2,50,680 nos. of household bins having 15 liters capacity through Government e-Marketplace (GeM), met in its first meeting on July 2, 2019.

At the outset, Executive Engineer, SUDA explained the bid's terms & conditions along with the technical specification of the household bins before the Committee Members that has been opted on GeM portal for the present procurement.

The Committee accepted the bid's terms & conditions along with the technical specification as were iterated in the procurement process.

Then, a synopsis of the Bid Documents submitted by the bidders was presented before the Committee by Executive Engineer, SUDA. After a threadbare discussion following observations were made:

Evaluation of Technical Bids for household bins – 15 Liter capacity

1. Five bids by five different agencies were submitted for household bins – 15 Liter capacity. The names of the bidders are as follows:
 - a. M/s Nidhi Enterprises
 - b. M/s Ghanshyam Fabricators
 - c. M/s Nilkamal Limited
 - d. M/s Swastik International
 - e. M/s Purushottam Marketing India

2. On thorough scrutiny of the bids, the Committee observed the following:

SI No	Name of the Bidder	Observation made by the Committee
1.	Nidhi Enterprises	i. EMD not submitted ii. No experience with Government for 5 years iii. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted iv. The certificate as was required in Additional Terms & Conditions (ATC) was not submitted
2.	Ghanshyam Fabricators	i. The certificate as was required in ATC was not submitted
3.	Swastik International	i. EMD not submitted ii. Details of Avg Annual Turn Over as required is found to be not submitted
4.	Purushottam Marketing India	i. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted

3. In light of the above grounds it was decided by the Committee that M/s Nilkamal Limited is found eligible for participating in the financial bid for supply and delivery at site of 2,50,680 nos. of household bins – 15 Liter capacity.
4. On scrutiny of technical specifications & general terms and condition, it was decided by the Committee that M/s Nidhi Enterprises, M/s Ghanshyam Fabricators, M/s Swastik International and M/s Purushottam Marketing India failed to qualify for technical evaluations and participate in the financial bid for supply and delivery at site of 2,50,680 nos. of household bins – 15 Liter capacity.

As only one bidder was found technically eligible, the Committee advised to refer the matter to Administrative department.

The meeting ended with vote of thanks to and from the chair.


Director, SUDA
& State Mission Director, SBM(U)

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The Committee accepted the bid's terms & conditions along with the technical specification as were iterated in the procurement process.

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 - c. M/s Nilkamal Limited
 - d. M/s Swastik International
 - e. M/s Purushottam Marketing India

2. On thorough scrutiny of the bids, the Committee observed the following:

SI No	Name of the Bidder	Observation made by the Committee
1.	Nidhi Enterprises	i. EMD not submitted ii. No experience with Government for 5 years iii. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted iv. The certificate as was required in Additional Terms & Conditions (ATC) was not submitted
2.	Ghanshyam Fabricators	i. The certificate as was required in ATC was not submitted
3.	Swastik International	i. EMD not submitted ii. Details of Avg Annual Turn Over as required is found to be not submitted
4.	Purushottam Marketing India	i. Details of Avg Annual Turn Over through CA certificate and Audited Balance sheets as required are found to be not submitted

3. In light of the above grounds it was decided by the Committee that M/s Nilkamal Limited is found eligible for participating in the financial bid for supply and delivery at site of 2,50,680 nos. of household bins – 15 Liter capacity.
4. On scrutiny of technical specifications & general terms and condition, it was decided by the Committee that M/s Nidhi Enterprises, M/s Ghanshyam Fabricators, M/s Swastik International and M/s Purushottam Marketing India failed to qualify for technical evaluations and participate in the financial bid for supply and delivery at site of 2,50,680 nos. of household bins – 15 Liter capacity.

The Committee advised to move Administrative department for obtaining necessary guidance for opening of financial bid and issue of supply order on GeM.

The meeting ended with vote of thanks to and from the chair.

**Director, SUDA
& State Mission Director, SBM(U)**

Bid Document

Bid Details

Bid End Date/Time	28-06-2019 14:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	West Bengal
Department Name	Urban Development And Municipal Affairs Department West Bengal
Organisation Name	State Urban Development Agency
Office Name	Kolkata106
Total Quantity	48800
Item Category	plastic buckets
Average Turnover (Last 3 Years)	50 Lakh (s)
OEM Average Turnover (Last 3 Years)	50 Lakh (s)
Experience with Government Required	5 Year (s)
MSE Exemption For Years Of Experience And Turnover	No
Startup Exemption For Years Of Experience And Turnover	No
Document required from seller	Experience with Government,Annual Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover
Bid to RA enabled	No

Plastic Buckets (48800)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification	Conformity to Indian Standard	IS: 3730 latest	*
	ISI Marked	No	Yes, No
	BIS License No. (CML	-	*

	No.)		
Test Report Details	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes	Yes
	Test Report Number & Date	-	*
	Name & address of the Lab	-	*
Material	Bucket body Material	Coloured HDPE	Coloured HDPE
	HDPE Grade	45 MA (as per IS: 7328-1974)	*
	Handle Material	HDPE	*
	Food Grade quality material	No	Yes, No
Capacity	Capacity (Ltrs)	10	10.0
Physical Characteristics	Colour	-	*
	UV Resistant	Yes	Yes
	Lid	With	With
	Shape (when viewed from top)	Round	*
	Weight of Bucket (grams)	580	600.0, 580.0

* Bold specifications are the golden parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	DIPAK NASKAR	700106,ILGUS BHAVAN, HC-BLOCK, SECTOR-III, SALT LAKE, KOL-106	48800	45

EMD Detail

Advisory Bank	AXIS BANK LTD
EMD Percentage(%)	2.00
EMD Amount	292800

ePBG Detail

Advisory Bank	AXIS BANK LTD
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	12

Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

1. **Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
2. **Pre-dispatch inspection / testing at Seller premises :** Before dispatch, the goods will be inspected and tested by Buyer / Consignee or their Authorized Representative / Nominated External Inspection Agency by Buyer (Fee/Charges taken by the External inspection Agency shall be borne by the Buyer) at Seller's premises for their compliance to the contract specifications. The Sellers will provide necessary testing facilities and shall bear cost of in house testing required, if any. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment.
3. **Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
 - (i) Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.
 - (ii) Penalty per week of delay as % of unit price of product will be as defined in the SLA document for the service.
 Seller to give compliance Yes / No while submitting bid.
4. The Purchaser reserves the right to increase or decrease the ordered quantity up to 25 percent at the time of placement of contract . The purchaser also reserves the right to increase the contracted qty up to 25% during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly

This Bid is also governed by the General Terms and Conditions

---Thank You---

Bid Document

Bid Details

Bid End Date/Time	28-06-2019 14:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	West Bengal
Department Name	Urban Development And Municipal Affairs Department West Bengal
Organisation Name	State Urban Development Agency
Office Name	Kolkata106
Total Quantity	250680
Item Category	plastic buckets
Average Turnover (Last 3 Years)	200 Lakh (s)
OEM Average Turnover (Last 3 Years)	200 Lakh (s)
Experience with Government Required	5 Year (s)
MSE Exemption For Years Of Experience And Turnover	No
Startup Exemption For Years Of Experience And Turnover	No
Document required from seller	Experience with Government, Annual Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, OEM Annual Turnover
Bid to RA enabled	No

Plastic Buckets (250680)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification	Conformity to Indian Standard	IS: 3730 latest	*
	ISI Marked	No	Yes, No
	BIS License No. (CML	-	*

	No.)		
Test Report Details	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes	Yes
	Test Report Number & Date	-	*
	Name & address of the Lab	-	*
Material	Bucket body Material	Coloured HDPE	Coloured HDPE
	HDPE Grade	45 MA (as per IS: 7328-1974)	*
	Handle Material	HDPE	*
	Food Grade quality material	No	Yes, No
Capacity	Capacity (Ltrs)	15	15.0
Physical Characteristics	Colour	-	*
	UV Resistant	Yes	Yes
	Lid	With	With
	Shape (when viewed from top)	Round	*
	Weight of Bucket (grams)	650	650.0

* Bold specifications are the golden parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	DIPAK NASKAR	700106,ILGUS BHAVAN, HC-BLOCK, SECTOR-III, SALT LAKE, KOL-106	250680	70

EMD Detail

Advisory Bank	AXIS BANK LTD
EMD Percentage(%)	2.00
EMD Amount	1855032

ePBG Detail

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Advisory Bank	AXIS BANK LTD
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	12

Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
- 2. Pre-dispatch inspection / testing at Seller premises :** Before dispatch, the goods will be inspected and tested by Buyer / Consignee or their Authorized Representative / Nominated External Inspection Agency by Buyer (Fee/Charges taken by the External inspection Agency shall be borne by the Buyer) at Seller's premises for their compliance to the contract specifications. The Sellers will provide necessary testing facilities and shall bear cost of in house testing required, if any. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment.
- 3. Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
 - (i) Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.
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Seller to give compliance Yes / No while submitting bid.
- 4. The Purchaser reserves the right to increase or decrease the ordered quantity up to 25 percent at the time of placement of contract . The purchaser also reserves the right to increase the contracted qty up to 25% during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly**

This Bid is also governed by the General Terms and Conditions

---Thank You---

Technical Evaluation for Plastic Buckets (10 LTR Capacity)


Eligibility Criteria	Name of the Bidders							
	[1/8]	[2/8]	[3/8]	[4/8]	[5/8]	[6/8]	[7/8]	[8/8]
Sl. No.	SHYAM JI TRADING COMPANY	GHANSHYAM FABRICATORS	MILKAMAL LIMITED	SWASTIK INTERNATIONAL	DUO MACHINES CORPORATION	PURUSHOTTAM MARKETING INDIA	ASCAR E OFFICE SOLUTIONS	RITIKA PRINTECH PRIVATE LIMITED
1	EMD Deposited (Rs.2,92,800)	Not Submitted	Exempted	Submitted	Exempted	Exempted	Not Submitted	Submitted
2	Experience with Govt. required for 5 Years	No	Yes	Yes	No	No	No	No
3	Average Annual Turnover during last 3 years (0.5 Crore)	Not Submitted	Yes	Yes	Yes	Not Submitted	Not Submitted	Yes
4	Audited Balance Sheet / CA Certificate	Not Submitted	Yes	Yes	Yes	Not Submitted	Not Submitted	Yes
5	Sold by	Resellers	OEM	OEM	OEM	OEM	OEM	Resellers
6	OEM Authorization Certificate	Not Submitted	N.A	N.A	N.A	N.A	N.A	Submitted
7	OEM Annual Turnover Certificate (Requested in	Not Submitted	N.A	N.A	N.A	N.A	N.A	Not Submitted
8	ATC)	Not Submitted	Yes	Yes	Yes	Yes	Not Submitted	Yes


BE/SUDA

Evaluation of Technical Specifications for Plastic Buckets (10 LTR Capacity)

Bidders


Sl. No.	Item	Criteria	[1/8]	[2/8]	[3/8]	[4/8]	[5/8]	[6/8]	[7/8]	[8/8]
			SHYAM JI TRADING COMPANY	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	DUO MACHINES CORPORATION	PURUSHOTTAM MARKETING INDIA	ASCAR E OFFICE SOLUTIONS	RITIKA PRINTECH PRIVATE LIMITED
	Base Price as offered in GeM (in Rs.)		300	250	300	165	1370	165	300	280
1	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	Bucket body Material	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE
3	Capacity (Ltrs)	10	10	10	10	10	10	10	10	10
4	UV Resistant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	Lid	With	With	With	With	With	With	With	With	With
6	Weight of Bucket (grams)	580	580	580	580	580	580	580	580	580
7	Shape (when viewed from top)	Round	Round	Round	Round	Round	Round	Round	Round	Round
8	Conformity to Indian Standard	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest


EE ISVDA

Average Annual Turnover for last 3 Financial Years for Plastic Buckets (10 LTR Capacity)

All figures are in Rs. Crores

SI.NO	Financial Years	Name of the Bidders																
		[1/8]	[2/8]	[3/8]	[4/8]	[5/8]	[6/8]	[7/8]	[8/8]									
1	2015-2016	SHYAM JI TRADING COMPANY	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	DUO MACHINES CORPORATION	PURUSHOTTAM MARKETING INDIA	ASCAR E OFFICE SOLUTIONS	RITIKA PRINTECH PRIVATE LIMITED	0.00	2.89	1991.08	0.00	1.38	0.00	0.00	0.00	8.80
2	2016-2017	0.00	4.74	2094.84	0.00	2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
3	2017-2018	0.00	6.39	2107.95	1.60	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.45
4	2018-2019		-		2.63	-												-
	TOTAL	0.00	14.02	6193.87	4.23	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.25
	Average	0.00	4.67	2064.62	1.41	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.08


EELSUDA

Technical Evaluation for Plastic Buckets (15 LTR Capacity)

Sl. No.	Eligibility Criteria	Name of the Bidders				
		[1/5]	[2/5]	[3/5]	[4/5]	[5/5]
	General	NIDHI ENTERPRISES	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	PURUSHOTTAM MARKETING INDIA
1	EMD Deposited (Rs.18,55,032.00)	Not Submitted	Exempted	Exempted	Not Submitted	Exempted
2	Experience with Govt. required for 5 Years	No	Yes	Yes	Yes	Yes
3	Average Annual Turnover during last 3 years (2.0 Crore)	Not Submitted	Yes	Yes	No	No
4	Audited Balance Sheet / CA Certificate	Not Submitted	Yes	Yes	Yes	No
5	Sold by	OEM	Resellers	OEM	OEM	Resellers
6	OEM Authorization Certificate	N.A	Not Submitted	N.A	N.A	Yes
7	OEM Annual Turnover	N.A	Not Submitted	N.A	N.A	Not Submitted
8	Certificate (Requested in ATC)	Not Submitted	Not Submitted	Submitted	Submitted	Submitted


 EFISVDA

Evaluation of Technical Specifications for Plastic Buckets (15 LTR Capacity)

		Bidders					
Sl. No.	Item	Criteria	[1/5]	[2/5]	[3/5]	[4/5]	[5/5]
			NIDHI ENTERPRISES	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	PURUSHOTTAM MARKETING INDIA
	Base Price as offered in GeM (Rs.)		200	300	369	200	369
1	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes	Yes	Yes	Yes	Yes	Yes
2	Bucket body Material	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE	Coloured HDPE
3	Capacity (Ltrs)	15	15	15	15	15	15
4	UV Resistant	Yes	Yes	Yes	Yes	Yes	Yes
5	Lid	With	With	With	With	With	With
6	Weight of Bucket (grams)	650	650	650	650	650	650
7	Shape (when viewed from top)	Round	Round	Round	Round	Round	Round
8	Conformity to Indian Standard	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest	IS: 3730 latest

BB/100DA

Average Annual Turnover for last 3 Financial Years

All figures are in Rs. Crores

Sl.NO	Financial Years	Name of the Bidders				
		[1/5]	[2/5]	[3/5]	[4/5]	[5/5]
		NIDHI ENTERPRISES	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	PURUSHOTTAM MARKETING INDIA
1	2015-2016	0.00	2.89	-	0.00	0.00
2	2016-2017	0.00	4.74	2094.85	0.00	4.13
3	2017-2018	0.96	6.39	2107.95	1.60	0.00
4	2018-2019		-	2304.18	2.63	
	TOTAL	0.96	14.02	6506.98	4.23	4.13
	Average	0.32	4.67	2168.99	1.41	1.38

[Signature]
BE/SUDA

Technical Evaluation for Plastic Buckets (10 LTR Capacity)

Sl. No.	Eligibility Criteria	Name of the Bidders							
		[1/8]	[2/8]	[3/8]	[4/8]	[5/8]	[6/8]	[7/8]	[8/8]
1	EMD Deposited (Rs. 2,92,800)	Not Submitted	Exempted	Exempted	Submitted	Exempted	Exempted	Not Submitted	Submitted
2	Experience with Govt. required for 5 Years	No	yes	Yes	Yes	No	No	No	No
3	Average Annual Turnover during last 3 years (0.5 Crore)	Not Submitted	yes	yes	yes	yes	Not Submitted	Not Submitted	yes
4	Audited Balance Sheet / CA Certificate	Not Submitted	yes	Yes	Yes	Yes	Not Submitted	Not Submitted	Yes
5	Sold by	Resellers	OEM	OEM	OEM	OEM	OEM	OEM	Resellers
6	OEM Authorization Certificate	Not Submitted	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	Submitted
7	OEM Annual Turnover Certificate (Requested in ATC)	Not Submitted	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	Not Submitted
8	Certificate (Requested in ATC)	Not Submitted	Not Submitted	Yes	Yes	Yes	Yes	Not Submitted	Yes

Average Annual Turnover for last 3 Financial Years for Plastic Buckets (10 LTR Capacity)

All figures are in Rs. Crores

Sl.NO	Financial Years	Name of the Bidders							
		[1/8]	[2/8]	[3/8]	[4/8]	[5/8]	[6/8]	[7/8]	[8/8]
1	2015-2016	SHYAM JI TRADING COMPANY	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	DUO MACHINES CORPORATION	PURUSHOTTAM MARKETING INDIA	ASCAR E OFFICE SOLUTIONS	RITIKA PRINTECH PRIVATE LIMITED
		0.00	2.89	1991.08	0.00	1.38	0.00	0.00	8.80
2	2016-2017	0.00	4.74	2094.84	0.00	2.36	0.00	0.00	10.00
3	2017-2018	0.00	6.39	2107.95	1.60	1.96	0.00	0.00	14.45
4	2018-2019				2.63				
TOTAL		0.00	14.02	6193.87	4.23	5.70	0.00	0.00	33.25
Average		0.00	4.67	2064.62	1.41	1.90	0.00	0.00	11.08

Technical Evaluation for Plastic Buckets (15 LTR Capacity)


Sl. No.	Eligibility Criteria	Name of the Bidders				
		[1/5]	[2/5]	[3/5]	[4/5]	[5/5]
	General	NIDHI ENTERPRISES	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	PURUSHOTTAM MARKETING INDIA
1	EMD Deposited (Rs.18,55,032.00)	Not Submitted	Exempted	Exempted	Not Submitted	Exempted
2	Experience with Govt. required for 5 Years	No	Yes	Yes	Yes	Yes
3	Average Annual Turnover during last 3 years (2.0 Crore)	Not Submitted	Yes	Yes	No	No
4	Audited Balance Sheet / CA Certificate	Not Submitted	Yes	Yes	Yes	No
5	Sold by	OEM	Resellers	OEM	OEM	Resellers
6	OEM Authorization Certificate	N.A	Not Submitted	N.A	N.A	Yes
7	OEM Annual Turnover	N.A	Not Submitted	N.A	N.A	Not Submitted
8	Certificate (Requested in ATC)	Not Submitted	Not Submitted	Submitted	Submitted	Submitted

Average Annual Turnover for last 3 Financial Years

All figures are in Rs. Crores

Sl.NO	Financial Years	Name of the Bidders									
		[1/5]	[2/5]	[3/5]	[4/5]	[5/5]					
1	2015-2016	NIDHI ENTERPRISES	GHANSHYAM FABRICATORS	NILKAMAL LIMITED	SWASTIK INTERNATIONAL	PURUSHOTTAM MARKETING INDIA	0.00	2.89	-	0.00	0.00
2	2016-2017						0.00	4.74	2094.85	0.00	4.13
3	2017-2018						0.96	6.39	2107.95	1.60	0.00
4	2018-2019						-	-	2304.18	2.63	
	TOTAL						0.96	14.02	6506.98	4.23	4.13
	Average						0.32	4.67	2168.99	1.41	1.38

Attendance Sheet of 1st Meeting of Bid Evaluation cum Tender Committee for procurement of household bins of capacity 10 lts & 15 lts under SWM(U) on 2nd July, 2019 at 2:30 pm

SI No	NAME	DESIGNATION & OFFICE	SIGNATURE
1.	D. Dattaraj Singh	Director SUDA.	self
2.	SANTANU MUKHERJEE	Joint Secy & Addl. Min. Director.	Lj
3.	AMITAVA DAS	Dy Director, SUDA	A.
4.	Tanvir Kanti Hazra	FA SUDA	HAZRA
5.			
6.			
7.	Dipak Narayan	EE/SUDA	
8.			
9.			
10.			
11.			
12.			
13.			
14.			



রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ
“ILGUS BHAVAN”, H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA – 386/2019/4377

তারিখ 01.07.2019

NOTIFICATION

A Bid Evaluation cum Tender Committee for procurement of equipments and vehicles pertaining to Solid Waste Management through e-procurement on GeM has been constituted with the following members to finalize the specifications, contract terms & conditions, payment schedules, selection of bidders through technical and financial evaluation, recommendation for issuance of Letter of Award and to oversee/monitor the whole bid process management.

The Committee is as follows:

1. Smt. Debarati Dutta Gupta, Director, SUDA & State Mission Director, SBM(U) – Chairperson
2. Shri Santanu Mukherjee, Additional State Mission Director, SBM(U) – Member Convenor
3. Shri. T. K. Hazra, Financial Advisor, SUDA - Member
4. Sri Amitava Das, Deputy Director, SUDA – Member
5. Shi Parag majumdar, Chief Engineer. Electro mechanical Sector, KMDA – Member
6. Sri Subhasish Chattopadhyay, D.G (SWM), KMC – Member
7. Sri Dipak Naskar, Executive Engineer, SUDA - Member

This issues with the approval of the principal Secretary, UD&MA Department, Govt. of West Bengal.

DIRECTOR, SUDA

SUDA – 386/2019/4377/1(৪)

dated 01.07.2019

Copy forwarded for information and necessary action to:

1. Smt. S. Ghosh, Special Secretary UD&MA Dept, Govt. of West Bengal
2. Shri Santanu Mukherjee, Additional State Mission Director, SBM(U)
3. Shri. T. K. Hazra, Financial Advisor, SUDA
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7. Sri Dipak Naskar, Executive Engineer, SUDA
8. Sr. P.S to principal Secretary, UD&MA Dept, Govt. of West Bengal

DIRECTOR, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

Tel : 2358 6403/5767, Fax : 2358 5800, E-mail : wbsudadir@gmail.com

Account Section : 2358 6408



রাজ্য নগর উন্নয়ন সংস্থা

STATE URBAN DEVELOPMENT AGENCY

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[Handwritten Signature] 17/19

DIRECTOR, SUDA

SUDA – 386/2019/4377

dated 01.07.2019

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[Handwritten Signature] 17/19

DIRECTOR, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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তারিখ 01.07.2019

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This issues with the approval of the principal Secretary, UD&MA Department, Govt. of West Bengal.

sof

DIRECTOR, SUDA

SUDA – 386/2019/4377/1(৪)

dated 01.07.2019

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sof 1/7/19

DIRECTOR, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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“ILGUS BHAVAN”, H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA – 386/2019/4377

তারিখ 01.07.2019

NOTIFICATION

A Bid Evaluation cum Tender Committee for procurement of equipments and vehicles pertaining to Solid Waste Management through e-procurement of SUDA have been constituted with the following members to finalize the specifications, contract terms & conditions, payment schedules, selection of bidders through technical and financial evaluation, recommendation for issuance of Letter of Award and to oversee/monitor the whole bid process management.

The Committee is as follows:

1. Smt. Debarati Dutta Gupta, Director, SUDA & State Mission Director, SBM(U) – Chairperson
2. Shri Santanu Mukherjee, Additional State Mission Director, SBM(U) – Member Convenor
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6. Sri Subhasish Chattopadhyay, D.G (SWM), KMC – Member
7. Sri Dipak Naskar, Executive Engineer, SUDA - Member

This has approval of the principal Secretary, UD&MA Department, Govt. of West Bengal.

DIRECTOR, SUDA

SUDA – 386/2019/4377/1(8)

dated 01.07.2019

Copy forwarded for information and necessary action to:

1. Smt. S. Ghosh, Special Secretary UD&MA Dept, Govt. of West Bengal
2. Shri Santanu Mukherjee, Additional State Mission Director, SBM(U)
3. Shri. T. K. Hazra, Financial Advisor, SUDA
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DIRECTOR, SUDA

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“ILGUS BHAVAN”, H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA - 386/2019/4378

তারিখ ০১.০৭.২০১৯

Meeting NoticeSubject: Procurement of household bins of capacity 10 lts and 15 lts

Pursuant to the Memo No. SUDA-386/2019/4377 dated 01.07.2019 regarding procurement of household bins of capacity 10 lts and 15 lts through online GeM portal, the first meeting of the Bid evaluation cum Tender Committee will be held at Conference Hall of SUDA on 2nd July, 2019 at 2:30pm to transact the following agenda:

1. Discussion on technical specification and credential for procurement of household bins of capacity 10 lts and 15 lts.
2. Discussion on technical proposals as received through GeM.
3. Discussion on availability of fund.
4. Miscellaneous

All the members of the said Committee are hereby requested to kindly make it convenient to attend the meeting at scheduled time and venue.

1.7.19
Additional State Mission Director, SBM(U) &
Member - Convenor

SUDA-386/2019/4378/1(6)

Dated: 01.07.2019

Copy forwarded for information with a request to attend the Meeting:

1. Smt. Debarati Dutta Gupta, Director, SUDA & State Mission Director, SBM(U)
2. Shri. T. K. Hazra, Financial Advisor, SUDA
3. Sri Amitava Das, Deputy Director, SUDA
4. Shi Parag majumdar, Chief Engineer. Electro mechanical Sector, KMDA
5. Sri Subhasish Chattopadhyay, D.G (SWM), KMC
6. Sri Dipak Naskar, Executive Engineer, SUDA

1.7.19.
Additional State Mission Director, SBM(U) &
Member - Convenor



রাজ্য নগর উন্নয়ন সংস্থা



STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ
"ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA-386/2019/4198(A)

তারিখ 26.06.19

To,

The Chairman/Chairperson,
.....Municipality.

Sub: Information for ward wise requirement of 10 ltrs capacity bins .

Sir/Madam,

This is to inform you that earlier you have submitted the total requirement of bins for compliance of MSW Rule -16. Now the UD & MA department is going to purchase for 20% of total requirement of bins in 1st phase. In this connection the undersigned is hereby directed to request you to furnish the ward wise requirement of bins and preference of wards where the bins will be supplied in 1st phase.

Yours faithfully,


Dy. Director, SUDA

Copy forwarded for information to:
The Director, SUDA

Yours faithfully,


Dy. Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

“ILGUS BHAVAN”, H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA-386/2019/4197(3)

তারিখ 26.06.19

To,

The Commissioner,

.....Municipal Corporation.

Sub: Information for ward wise requirement of 15 ltrs capacity bins .

Sir/Madam,

This is to inform you that earlier you have submitted the total requirement of bins for compliance of MSW Rule -16. Now the UD & MA department is going to purchase for 20% of total requirement of bins in 1st phase. In this connection the undersigned is hereby directed to request you to furnish the ward wise requirement of bins and preference of wards where the bins will be supplied in 1st phase.

Yours faithfully,


Dy. Director, SUDA

Copy forwarded for information to:
The Director, SUDA

Yours faithfully,


Dy. Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

Tel : 2358 6403/5767, Fax : 2358 5800, E-mail : wbsudadir@gmail.com

Account Section : 2358 6408

রাজ্য নগর উন্নয়ন সংস্থা

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ
“ILGUS BHAVAN”, H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং

তারিখ

To,

1. The Chairman/Chairperson,

.....Municipality.

2. The Commissioner,

.....Municipal Corporation.

Sub: Information for ward wise requirement of 10 ltrs capacity bins.

Sir/Madam,

This is to inform you that earlier you have submitted the total requirement of bins for compliance MSW Rule -16. Now the UD & MA department is going to purchase for 20% of total requirement of bins in 1st phase. In this connection, ^{the undersigned is hereby directed to request you} you are requested to furnish the ward wise requirement of bins and preference of wards where the bins will be supplied in 1st phase.

Yours faithfully,

Dy. Director, SUDA

10 Ltr Bins Requirement

Sl No	ULB Name	Quantity
1	Baidyabati	30000
2	Rishra	54000
3	Kalyani	60000
4	Haldia	100000
Total		244000

@ 20% = 48800

15 Ltr Bins Requirement

Sl No	ULB Name	Quantity
1	Asansol MC	595466
2	Bidhannagar MC	310000
3	Durgapur MC	347930
Total		1253396

@ 20% = 250679

Urgent - Approval of specification of 10L Household Bins, to be supplied to different ULBs - Regd.

4 messages

Fri, May 31, 2019 at 4:20 PM

Director SUDA <sbm.wbsuda@gmail.com>

To: arunabhamajumder@hotmail.com, kalyanroychoudhury@rediffmail.com, ACE South <medaddichief@gmail.com>, Tapas Kumar Gupta <cetapasgupta@gmail.com>, parag_majumdar@yahoo.com, Kmda Sd <sdkmda@gmail.com>
Cc: Debarati Datta Gupta <debaratidattagupta@gmail.com>, santanu.mkj@gmail.com, amitavadas209@gmail.com, Sujay Mitra <sujay.mitra@gmail.com>, bkpal.suda@gmail.com
Bcc: syed shah golam gous <ssgous@gmail.com>


Sir,

It is to mention that UD&MA Department is going to procure 10 Litre capacity House to House garbage/waste collection bucket (each family/household will be provided two bins, one green coloured bin for compostable waste and one blue coloured bin for non-compostable waste), for the ULBs on priority basis through Government e-Marketplace (GeM).

Now, a specification for the bins to procure, has been made for kind verification and approval of the same from your end. If any changes is necessary, it is kindly requested to please be informed, at the earliest, so that SUDA can go for rectification of the specification, if needed.

Else, please give us a consent/approval of the specification by return mail as early as possible, so that SUDA can go for procurement of the bins from GeM, at once.


Thanking you.

Regards,
DIRECTOR, SUDA 10 Ltr. HH Bin (TO BE APPROVED).pdf
820K

Fri, May 31, 2019 at 4:52 PM

Director SUDA <sbm.wbsuda@gmail.com>
To: sisir@wbpcb.gov.in

[Quoted text hidden]

 10 Ltr. HH Bin (TO BE APPROVED).pdf
820K

Sat, Jun 1, 2019 at 6:23 PM

parag_majumdar@yahoo.com <parag_majumdar@yahoo.com>
To: Director SUDA <sbm.wbsuda@gmail.com>

- 1- Testing procedure as well as QAP is required to be mentioned.
- 2- Emblem should be written in Hindi also.

[Quoted text hidden]

Mon, Jun 3, 2019 at 3:21 PM

ACE South <medaddichief@gmail.com>
To: Director SUDA <sbm.wbsuda@gmail.com>

Following points may be considered for revision;

- Basic Quality;
b) Raw materials used to manufacture HDPE materials shall be 100% virgin PE Natural resin conforming to IS4984: 2016 and for this a certification has to be given by the resin manufacturer as per Clause 3.2.3 of IS:4984, 2016
Details specification:
b) Minimum weight 450/560 gm - Why so high range of variation?? May be checked.
Emblem & Logo:

- a) Letter size of Logo may be mentioned.
- b) It should be written as Compostable waste in English and 'PACHANSIL BAJJA' in Bengali

Site visit & material testing;

- a) It may be written as "The inspection and testing of the sample shall be carried out as per relevant IS standards by CIPET or any other agency approved by SUDA in the manufacturer's work site before despatching the materials at the cost of the Supplier. The sample may be collected batch wise or at random as decided by the testing authority/SUDA. It is the duty of the Supplier to inform the Director of SUDA about the schedule of such testing at least seven days before in writing. Satisfactory Test Certificate issued by the Testing authority is to be enclosed during supply of materials"
- b) Minimum number & maximum number of visits from SUDA should be clearly mentioned.

Thanks.

Additional Chief Engineer (S)

M.E Dte.

[Quoted text hidden]

Quantities for procurement of 10 lt capacity House Hold Bins of Model Cities

Sl No	ULB	POPULATION as per census 2011	NO OF WARDS	HOUSE HOLD NO (FORM-IV)	BIN PROVIDED	BIN WORKING	BALANCE BIN REQUIRED (nos)	TOTAL BIN REQUIRED (nos)	MEMO NO	DATE	Page No.	Page no of Form- IV
1	Baidyabati	121110	23	37153	64000	30000	30000	30000	281/C/Model City	21.05.19	80	01 to 07
2	Rishra	124585	23	23931	2000	54000	54000	54000	139/IX	26.04.19	75	08 to 14
3	Kalyani	100620	21	25572		0	60000	60000	3118/KM	28.05.19	72	15 to 19
4	Haldia	200827	29	49200		0	100000	100000	6811(HM)	14.12.18	69	20 to 25
5	Uttarpara	162386	24	48895		0	0	0	Form-IV			26 to 33
6	Asansol	1156387	106	297733		0	595466	595466	343/PW/Engg/19	25.05.19	68	34 to 44
7	Bidhannagar	634107	41	153661		0	310000	310000		03.06.19	63	45 to 52
8	Durgapur	656316	43	189079		0	347930	347930	DMC/PW/177	03.06.19	61	53 to 60
TOTAL=							84000	1497396				

(8)

TECHNICAL SPECIFICATION OF HOUSEHOLD BINS WITH HANDLE AND LID (10 LIT CAPACITY)

Basic Qualities:

- One Piece Moulded, Heavy Duty waste bin
- Moulded from Food and Drug Administration (FDA) approved, special UV stabilized virgin grades of High Density Polyethylene (HDPE) material, manufactured from **Injection Moulding Process**
- Absolutely smooth and sanitary, hygienic, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and from joints, welds or rims
- Must be provided with moulded handle for ease of lifting and Lid
- Lid should firmly fixed on the bin, any lid not get fixed on the bin will be rejected. Deformed or damaged bins & lids will not be accepted. Lid & bins should be transported separately to avoid the damage and deformation of lid.
- Round in Shape without sharp corners to prevent sticking of garbage
- Must be strong and durable
- Moulded Built in Bottom grip for easy lifting

Detail Specification:

- Capacity 10 litres
- Minimum Weight: 450/560gms. (min.) with handle and lid
- Durability: Reusable, Washable, absolutely smooth and sanitary

Dimensions:

Capacity of bin	Over all Minimum Dimensions and Thickness			
Liters	Top (outer) dia. in mm	Bottom (outer) dia. in mm	Height in mm	Thickness
10	265mm min. ($\pm 2\%$ variation allowed)	200mm min. ($\pm 2\%$ variation allowed)	270mm min. ($\pm 2\%$ variation allowed)	1.5 mm (min.) $\pm 2\%$

Emblem and Logo:

- The emblem of Project and name of the municipality should be screen print. "মিশন নির্মল বাংলা" logo shall be embossed on the bins and Supplier should also paint messages along with purpose to each bin as specified.
- Green Colour Bins: "Compostable Waste" in Bengali (পচনশীল বর্জ্য), Hindi and English Language. Blue Colour Bins: "Non-compostable Waste" in Bengali (অপচনশীল বর্জ্য), Hindi and English Language.
- The supplier will finalize the content of the message in discussion with SUDA and will provide two sample bins (one in green colour and one in blue colour) with

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the message and emblem of MISSION NIRNAL BANGLA (U) within 4 days from the issues of work order.

- d) The Supplier shall provide sample of bins as per specification free of cost to SUDA for approval before production.



"MISSION NIRNAL BANGLA" logo

Site visit and material testing:

- a) Testing of the material shall be carried out as per relevant IS Code/ISO standard by CIPET or any other agency approved by the authority, in the manufacturing worksite before dispatch of the material, at the cost of the supplier. Sample may be collected either batch-wise or at random.
- b) One inspection to the manufacturing unit for a maximum of four officials (may be decided by the Director, SUDA) is mandatory before initiation of supply. If any discrepancy is found in the material supplied and the approved technical specifications, the same lot shall be rejected. No claim for the rejected material shall be entertained. The cost for the same shall be borne by the supplier.
- c) SUDA reserves rights for ± 2 % of change in the specifications with condition that quality and functioning should not affect.

Warranty Period:

- a) Supplier shall warrant the supply against faulty materials and workmanship for Household Bins for a period of One (1) Calendar year from the date of supply to the municipalities.

Mode of supply:

- a) Supply to be made only to respective municipal storage/stockyard and nowhere else.

Mode of payment:

- a) Payment will be made after getting the receipt of receiving the bins in Good Condition, from respective ULB.



✓

80

☎ 2632-6554
OFFICE: 2632-0443
SATYAJIT ROY BHAWAN: 2632-3605
FAX: 91-33-2632-0443

OFFICE OF THE MUNICIPAL COUNCILLORS **BAIDYABATI**

P.O. – SHEORAPHULI, DIST. – HOOGHLY, PIN – 712 223

Memo No. – 281/C/Model City

Date - 21/05/2019

To
The Principal Secretary,
Department of Urban Development & Municipal Affairs,
NagarayanBhawan, Block DF-S, Sector I
Bidhannagar, Kolkata 700 061

Sub.: Submission of proposal for adequate manpower & equipments for
the model town Baidyabati.

Sir,

Kindly refer to your Notification No. 40-JS/(SM)/UD&MA/2019 dated 25th April, 2019 wherein the Municipality of Baidyabati along with Uttarpara and Rishra has been declared a model town. Elated at this though we are, we also strongly feel that we have greater responsibility to retain this status by dint of efficient performance in SWM.

Baidyabati Municipality has been complying with all the mandates of the MSW Rules 2016. But while doing so we find that we have several handicaps for which 100% compliance appears to be a difficult proposition. The most basic and important of all the mandates is “Segregation at Source” which in this municipality is commendably good. But primary collection from families and institutions and secondary transportation of collected waste to TS and CP uninterruptedly is constrained by “inadequate manpower” and “equipment”.

This municipality is committed to managing solid waste towards perfection. Doing so with our own resource is not feasible. Our resources fall too short of what is actually required for raising our standard to that of a model town.

But must as we intend to raise our standard and retain our status, we request you kindly to extend support by providing us with fund for deployment of adequate manpower and appropriate equipment the details of which are enclosed herein. The Municipality has decided to run the system on its own instead of engaging a private party.

We hope you will kindly consider our prayer and help us grow as a model town and retain our status for all times to come.

Details of the requirement are given on next page for your kind consideration.

/SH

P.T.O.

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2632-6554
 OFFICE: 2632-0443
 SATYAJIT ROY BHAWAN: 2632-3605
 FAX: 91-33-2632-0443

OFFICE OF THE MUNICIPAL COUNCILLORS BAIDYABATI
 P.O. – SHEORAPHULI, DIST. – HOOGHLY, PIN – 712 223

Memo No. – 281/C/Model City

Date - 21/05/2019

SWM Manpower Data Sheet				
Name of Municipality				Baidyabati Municipality
Population of municipality (2011)				1,21,110
Approx population of municipality in 2019				1,41,899
Number of wards				23
SL no	Position	Type	Current numbers working in municipality	Additional Demand Number
Administrative Staff				
1	Sanitary Inspector	Permanent	1	
		Temporary	0	
2	Sanitary Assistant	Permanent	1	
		Temporary	0	1
Primary Waste collection				
1	Supervisor	Permanent		
		Casual	5	18
2	Waste Handler/ labour	Permanent		
		Casual	105	15
3	Auto tipper driver or other driver if any	Permanent		
		Casual	5	7
4	Helper	Permanent		
		Casual	10	14
Secondary waste collection and transportation				
5	Supervisor	Permanent		
		Casual		
6	Driver	Permanent		
		Casual	5	7
7	Helper/coli	Permanent		
		Casual	10	14
8	Vehicle inspector	Permanent		
		Casual	1	1
9	Mechanic (welder cum fitter)	Permanent		
		Casual	1	2

/SH

P.T.O.



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2632-6554

OFFICE: 2632-0443

SATYAJIT ROY BHAWAN: 2632-3605

FAX: 91-33-2632-0443

OFFICE OF THE MUNICIPAL COUNCILLORS BAIDYABATI

P.O. – SHEORAPHULI, DIST. – HOOGHLY, PIN – 712 223

Memo No. – 281/C/Model City

Date - 21/05/2019

Drain cleaning				
7	Supervisor	Permanent		
		Casual	10	2
8	Cleaner/ labour	Permanent		
		Casual	84	48
9	Driver	Permanent		
		Casual	9	3
10	Helper	Permanent		
		Casual	27	9
Street Sweeping				
11	Supervisor	Permanent		
		Casual		
12	Sweeper/ labour	Permanent		
		Casual	2	44
13	Diver	Permanent		
		Casual	0	1
14	Helper	Permanent		
		Casual	0	3
Septic Tank Sludge Collection				
16	Supervisor	Permanent		
		Casual	0	1
17	Cleaner/ labour	Permanent		
		Casual		
18	Driver	Permanent		
		Casual	2	2
19	Helper	Permanent		
		Casual	3	9

SWM Equipment Data Sheet

Name of Municipality	Baidyabati Municipality
Population of municipality (2011)	1,21,110
Approx population of municipality in 2019	1,41,899 (approx.)
Number of wards	23

/SH

P.T.O.



☎ 2632-6554
 OFFICE: 2632-0443
 SATYAJIT ROY CHAWAN: 2632-3605
 FAX: 91-33-2632-0443

OFFICE OF THE MUNICIPAL COUNCILLORS BAIDYABATI
 P.O. – SHEORAPHULI, DIST. – HOOGHLY, PIN – 712 223

Memo No. – 281/C/Model City Date - 21/05/2019

SL no	Position	Numbers provided till date	Current numbers in working condition	Additional Demand	Justification for Additional requirement
Primary Waste collection					
1	House Hold Bins	64000	30000	30000	Increase of families.
2	Tricycle with bins	58	45	60	In place of push cart(damaged)
3	Battery operated tricycle	0	0	10	For direct collection from household near by compost plant
4	Auto tipper- fuel	2	2	4	For collection from markets.
5	Batter operated TOTO type tipper	0	0	6	Green waste direct transportation from farthest wards.
Secondary waste collection and transportation					
5	Tractor	12	12	5	For the addition of more TT containers.(2 nos. mini tractor & 5 nos. 45 horse power)
6	Tractor trailer Container (TT containers)	68	40	29	As the number of population and one more ward increased
7	Community Bins - 1 set (2 nos of 100 lit bins)				
8	240 lit bin	0	0	330	5sets of bins (one blue & one green) X 23 wards(for markets, shops, restaurants, Apartments etc.)
9	Other if any				
Drain cleaning					
10	Open trailer	2	11	12	One trailer per ward, 4 nos. of hydrolic & 8 non hydrolic.(2 mini trailer)

/SH

P.T.O.

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2632-6554
OFFICE: 2632-0443
SATYAJIT ROY BHAWAN: 2632-3605
FAX: 91-33-2632-0443

OFFICE OF THE MUNICIPAL COUNCILLORS BAIDYABATI
P.O. – SHEORAPHULI, DIST. – HOOGHLY, PIN – 712 223

Memo No. – 281/C/Model City

Date – 21/05/2019

11	Wheel Barrow				
12	others if any			25	Wooden body tri cycle van for drain sludge cleaning at narrow roads.
Street Sweeping					
13	Tractor with open trailer	
14	Wheel Barrow			25	One each for 23 nos. of wards and two for Sheoraphuli Hath.
15	Street sweeping machine			2	
Septic Tank Sludge Collection					
16	Cesspool tanker for transportation to RWMC	2	2	0	
17	Small cesspool Emptier	1	1	2	one 1.5 & 3 litre.

Thanking you,

Yours faithfully,

Sd/-
Chairman
Baidyabati Municipality

Memo No. – 281/C/Model City

Date – 21/05/2019

Copy forwarded for information to:

- 1) Director Suda,
ILGUS Bhavan, SBM cell,
HC Block, Sector - III, Bidhananagar,
Kol - 700016


Chairman
Baidyabati Municipality

Vijay Sagar Mishra

Chairman



Chairman, Rishra Municipality

Phone : 2672-1373

2672-2953

Mobile : 9433016621

Fax : 2672-0306

E-mail : rishramunicipality@yahoo.com

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Ref. No. : 139/IX

Date : 26.04.19

To
The Director
SUDA
ILGUS Bhavan
Sector III, Block- HC
Kolkata 7000106



AD(sm)
Raj

Sub: - Request for providing bins, equipments vehicles, besides fund for organising IEC

Sir/Madam,

In pursuant to the discussion held at a meeting held with you on 24th April, 2019 Conference Hall, ILGUS where the representatives of M/S 'Ernst & Young' were remained present, I am appending below, the details of the IEC programme proposed to be organised by this ULB, besides requirement of Bins and equipments vehicles etc and to request you kindly to accord necessary allotment of the equipments and vehicles alongwith the required fund for organising IEC awareness.

May I mention that you were requested vide this office Memo No 861/IX dt 1.8.2018 copy of which is enclosed for your ready reference in which you were requested to allot the Bins and equipments vehicles etc.

You are therefore requested to be kind enough and accord us necessary approval as sough for.

I would therefore like to request you kindly to accord sanction of fund of Rs 15 lakh (Fifteen Lakh) to meet the cost of details of IEC programme proposed to be organised.

- Organising of Road rally involving Ward Committee Members, SHG, and Stake-holders in all the 23 nos of Wards.
- Installation of holding and fixing of Banners in all the main roads of the wards.
- Organisation of Street- Drama in different wards.
- Pestering and wide publicity through local cable T.V.
- Organisation of Meeting involving the Members of SHG.
- Wide Mike-Publicity etc.

With thanks,

Yours faithfully

Chairman, Rishra Municipality

Chairman
Rishra Municipality



Encl: - as above

Sri B.k.Pal, EE

PI:
6
25.19

10	Hook Lift Dumper Carrier/placer	NIL	NIL	NIL	NIL	For single 4.5m ³ Container	10 NOS	
11	Refused Trailer toed by Tractor	5	1.5MT	poor condition		2 ton capacity	15 NOS	
12	Tractor	12	45 HP	OK		45 H.P 50H.P	6 NOS 2 NOS	
13	Suction cum Jetting Machine	1	3000 LTS	not serving the purpose		6" dia inlet	2 NOS	
14	road Sweeping Machine	NIL	NIL	NIL			3 NOS	
15	Compactor(Stationary)	NIL	NIL	NIL			6 NOS	
16	Compactor(mobile)	2	07 MT	OK		8m ³	4 NOS	
17	Loader cum Backhoe	3	86 HP	OK		75+5 H.P	1 NOS	
18	Excavator	NIL	NIL	NIL			1 NOS	
19	Bull-dozer	NIL	NIL	NIL			1 NOS	
20	Cesspool Emptier	2	1500 LTS	poor condition		2*1.5m ³ 3m ³	4 NOS 1 NOS	
21	Maintenance Vechicle	1	1	OK			2 NOS	
22	Shovel	NIL	NIL	NIL			250ps	
23	Long Handle Broom	NIL	NIL	NIL			200ps	
24	Metal Tray With Plate	NIL	NIL	NIL			200 ps	
25	Apron	NIL	NIL	NIL			500 ps	
26	Mask	NIL	NIL	NIL			500 ps	
27	Gloves	NIL	NIL	NIL			500 ps	
28	Raincoat	NIL	NIL	NIL			500 ps	
29	gumbout	NIL	NIL	NIL			500 ps	
1	Wheather sufficient space available in municipal stores/garages						YES	

*Privouesly it was recorded as ABCDE Category which has been converted as wxyz



Chairman
Rishra Municipality

Chairman
Rishra Municipality

MUNICIPAL SOLID WASTE COLLECTON AND DISPOSAL STATUS

(74)

Name of the ULB/City: _____

RISHRA MUNICIPALITY

ULB at a Glance			
A. DISTRICT	HOOGLY	G.	
B. category	Y *	(A) CASUAL AND CONTRACTUAL	296
C. Area	6.763 sq.km	(B) PERMANENT	94
D. No. of words	23	TOTAL :	390
E. No. of Holdings	23,931	(C) As per census 2001	113259
F. Population		(d) As per census 2011	124585
a) AS per census 1981	92500		
b) AS per census 1991	102649		

H. Primary/Secondary collection equipments and vehicles

sl.no	Components	Existing Numbers	Specification (capacity/shape /size)	Condition of the Equipment/ year of prchase	Equipments/vehicles Considered in phase -1of SBM(u)/ MNB(u)	Additional requirement (if any)
1	Household Bins	2000	round shape	supplied by KMDA	Specification 10 Lts CAP	54000
2	Tricycle van with 6 Nos.Bins	NIL	NIL	NIL	6nos.40 Bins	80ps
3	Battery operated cart /auto tipper	NIL	NIL	NIL	Capacity:p:310kg GVW:690kg(min)	25ps
4	wheel Barrow(250L)	NIL	NIL	NIL	250lts	50ps
5	Litters Bins(100-120L)	NIL	NIL	NIL	100-120ltrs.	200ps
6	Community bins	NIL	NIL	NIL	240ltrs	250ps
7	Fuel Driven Tipper	3	1mt	poor condition	660 litres	100PS
		4	400kg	poor condition	1mt capacity	25 NOS
8	Hydraulic Dumper truck	4	2nos-3mt	poor condition	400kg capacity	4 NOS
9	Hook Lift Dumper container	NIL	NIL	NIL	10m ³	4 NOS
					4.5m ³	30 NOS



Office of the
Kalyani Municipality

72

PH : (033) 2582 8455, 9569, 9570, FAX: - 8630

e-mail : info@kalyanimunicipality.org

City Centre Complex : Kalyani : Nadia : West Bengal : PIN-741235

Memo No : 3118/K.M

Date : 28.05.19

From : **Executive Officer**
Kalyani Municipality



Imp
DD (AD)
AAf

To: The Director
SUDA
ILGUS BHAVAN
HC – Block , Sector – III, Bidhannagar,
Kolkata – 700106.

Chandan Das
Asst. Supt.
D.

Sir,

I am sending herewith a list of the information on requirement of equipments and Vehicles regarding Solid waste management within Kalyani Municipal area .

Thanking you.

Yours faithfully.

Encl: List of Equipment and Vechile

28.5.19
Executive Officer
Kalyani Municipality
Executive Officer
Kalyani Municipality



Office of the **Kalyani Municipality**

PH : (033) 2582 8455, 9569, 9570, FAX: -8630

e-mail : info@kalyanimunicipality.org

City Centre Complex : Kalyani : Nadia : West Bengal : PIN-741235

SOLID WASTE MANAGEMENT : KALYANI MUNICIPALITY



A] EQUIPMENT FOR SOILD WASTE MANAGEMENT :-

- 1] No. of Bins for household (10lt) = $30000 \times 2 = 60000$
- 2] No. of Bins for Van puller (40lt) = $200 \times 6 = 1200$
- 3] No. of Tri - Cycle Van = 100
- 4] No. of Hand Cart = 40
- 5] Broom stick = 10000 Kg.
- 6] No. of Metal Tray = 200

B] VEHICLE REQUIRED FOR SOILD WASTE MANAGEMENT :-

- 1] No. of Mini Dumper (Tripper) = 12
[2.5 to 5 ton]

Ch
28.5.19
Executive Officer
Kalyani Municipality



WESTERN IMAGINARY

TI

380
3812

STOP
Stop

DOOR

SQUAT MUNICIPAL
CORPORATION
WEST ZONE
TO
GARBAGE
COLLECTION
HELP-LINE
NO. 0761-6455572

(70)



Office of the Haldia Municipality

Dr. B.R. Ambedkar Bhawan, Administrative Building, City Centre
P.O.-Debhog, Haldia, Purba Medinipur, West Bengal

☎ : 03224-252996/252997
255051/252644
Fax : 03224-252154
E-mail : haldiamunicipality@gmail.com

Memo No. : 6811 (HM) 2018

Date: 14-12-2018

To
The Director,
State Urban Development Agency,
ILGUS Bhawan, HC - Block,
Sector - III, Salt lake,
Kolkata - 700 106

EE/SUDA
(N.K. Pal)
Dip/...



DD(AD)
Pl. use SWM cell
to keep record
in Excel for all
such requests
SOP

Sub : Request to provide one lakh buckets for collection of bio-degradable and non bio-degradable domestic waste.

Sir,

I would like to have this privilege to inform you that Haldia Municipality covering an area of 109 sq. km. with more than **50 thousand household**, has to collect municipal domestic waste everyday for transportation to Solid Waste Management Unit for disposal. So, the Board of Councillors has given top priority to segregate the bio-degradable and non bio-degradable Solid Waste at door to door collection point keeping in view the noble objective of Swachh Bharat and Nirmal Bangla Mission.

In view of the above, you are requested to provide this municipality at least **one lakh PVC buckets to be used** for segregation of the Municipal Domestic Waste at the door to door collection point immediately.

Thanking you,

Yours faithfully,

(Shyamal Kumar Adak,
Chairman,
Haldia Municipality.



ASANSOL MUNICIPAL CORPORATION

Dr. G. R. Mitra Sarani, Asansol, Paschim Bardhaman, West Bengal

Website : www.asansolmunicipalcorporation.org ♦ E-mail : mayor.amc@gmail.com

Head office : 0341 230 2219 / 9476

Ref. No. 343/Pwf/Eng/19

Date : 28/05/19

From : Commissioner,
Asansol Municipal Corporation

To : The Director,
State Urban Development Agency,
ILGUS Bhaban, HC Block, Sector-III
Bidhan Nagar,
Kolkata 700 106

Sub:- Submission of minimum need for door to door collection

Madam,

With respect to the subject captioned above, I am submitting the list of minimum need of man-power, vehicles, equipments, bins etc. I am also enclosing the list of Bulk waste generators and rag pickers for your information and necessary action.

Yours faithfully,

Commissioner,
Asansol Municipal Corporation

COMMISSIONER
Asansol Municipal Corporation



ABSTRACT OF MINIMUM NEED FOR DOOR TO DOOR COLLECTION FOR ASANSOL MUNICIPAL CORPORATION

Borough No	Existing House hold	Manpower Required	Vehicle Requirement			Equipment Requirement						Bin Required
			Mini Auto Tipper (Partitioned)	Tractor	JCB	Hand Cart 12 cft (Partitioned)	Belcha	PVC Bucket 35 liter. (22")	Spade	Kanta (long)	Rikshaw Van	
1	26821	198	26	5	1	26	130	130	130	0	53642	
2	34388	239	22	0	1	22	110	110	110	0	68776	
3	32230	229	24	0	1	24	120	120	120	0	64460	
4	18855	131	18	0		32	90	90	90	114	37710	
5	37802	269	26	5		39	130	130	130	193	75604	
6	18905	135	16	0	1	32	80	80	80	0	37810	
7	51501	359	48	0	1	64	160	160	160	344	103002	
8	22976	164	20	0	1	20	100	100	100	0	45952	
9	28405	195	18	0	1	36	90	90	90	0	56810	
10	25850	178	18	0		36	90	90	90	180	51700	
Total	297733	2097	236	10	7	331	1100	1100	1100	831	595466	

Ans 28/5/19
A.E., S.W.M. (67)

Borough No	Ward No	Existing House Hold	Man Power Required	Vehicle Requirement	Equipment Requirement	Bin Required	Remarks
10	65	2800	20	Mini Auto Tipper (Partitioned) 2 Nos	Hand Cart 12cft (Partitioned) - 4 Nos. Trycycle Van- 20 Nos. Belcha- 10 Nos. PVC Bucket 35 Litr.(22")- 10 Nos Spade- 10 Nos. Kanta (Long)- 10 Nos.	5600	
10	66	3000	21	Mini Auto Tipper (Partitioned)- 2 Nos.	Hand Cart 12cft (Partitioned) - 4 Nos Trycycle Van- 20 Nos. Belcha- 10 Nos. PVC Bucket 35 Litr.(22")- 10 Nos. Spade- 10 Nos. Kanta (Long)- 10 Nos.	6000	
10	68	2800	20	Mini Auto Tipper (Partitioned)- 2 Nos.	Hand Cart 12cft (Partitioned) - 4 Nos. Trycycle Van- 20 Nos. Belcha- 10 Nos. PVC Bucket 35 Litr.(22")- 10 Nos. Spade- 10 Nos. Kanta (Long)- 10 Nos.	5600	
10	70	2800	21	Mini Auto Tipper (Partitioned)- 2 Nos.	Hand Cart 12cft (Partitioned) - 4 Nos. Trycycle Van- 20 Nos. Belcha- 10 Nos. PVC Bucket 35 Litr.(22")- 10 Nos. Spade- 10 Nos. Kanta (Long)- 10 Nos.	5600	
10	71	2500	18	Mini Auto Tipper (Partitioned)- 2 Nos.	Hand Cart 12cft (Partitioned) - 4 Nos. Trycycle Van- 20 Nos. Belcha- 10 Nos. PVC Bucket 35 Litr.(22")- 10 Nos. Spade- 10 Nos. Kanta (Long)- 10 Nos.	5000	

28/5/19
A.E. S.W.M.

73	10	17	Shib Kumar Scrap Godown	Kulupukr, Kulti
74	10	17	Madan Thateere Scrap Godown	Patharkhad, Kulti
75	10	17	Md. Imtiyaz, Scrap Godown	Chamra Godam, Kulti
76	10	17	Mithu Agarwal Soap Factory	Lal Bazar Basumati Mandir, Kulti
77	10	62	Rakesh Agarwal polyfab Industries	Paglia Hospital Road
78	10	62	Durga Rabidas Scrap Godown	Sealdanga, Kulti
79	10	62	Binod Rabidas, Scrap Godown	Sealdanga, Kulti
80	10	63	Dilawar Scrap Godown	Patiana Mohalla
81	10	63	Laddan Scrap Godown	Patiana Mohalla
82	10	63	Danish Scrap Godown	T. B. Hospital, Kulti
83	10	63	Manju Scrap Godown	Kulti Station, Mal Godown, Kulti
84	10	63	Junied Bag Manufacturing Shop	Star Chamber, Kulti
85	10	63	Shakib Bag Manufacturing Shop	Patiana Mohalla, Kulti
86	10	63	Kallu Bag Manufacturing Shop	Du Post, Azad nagar, Kulti
87	10	64	Basir Ansari bag Manufacturing Shop	Dangal Para
88	10	64	Tinku bag Manufacturing Shop	Dangal Para
89	10	64	Sonu Ansari bag Manufacturing Shop	Dangal Para
90	10	65	Noor Master bag Manufacturing Shop	Nichu Gram, Kulti
91	10	65	Sabbir bag Manufacturing Shop	Hasanpura, Kulti
92	10	65	Sikkhar Ansari bag Manufacturing Shop	Nichu Gram, Kulti
93	10	66	Umesh Shaw Scrap Godown	Baltoria, Kalali Road
94	10	70	Kotki Guraku Factory	Biri Dangal Barakar
95	10	70	Dharana Babu Silknet Factory	Jhanakpura, Barakar
96	10	70	Rajesh Kedia Soap Manufacturing Factory	KumarPara LC More Barakar
97	10	70	Shibli Tanti Scrap Godown	Uriya Para, Kendua Bazar Kulti
98	10	70	Biru Thetra Scrap Godown	Gurudwara Kendua Bazar, Kulti
99	10	70	Gaina Thetra Scrap Godown	12 No. Loco Line Barakar
100	10	71	Subhas Scrap Godown	Biri Dangal Barakar
101	10	71	Md Ifan Scrap Godown	Masjid Para Kulti
102	10	71	Md. Basir Bag Manufacturing Shop	Beside Royal Club Kulti

015 2015/19
A. E. , S.W.M.

No	Borough	Ward No	NAME	Father's/Husband Name	ADDRESS	Remarks
190	10	62	Karan Rabidas	Pradip Rabidas	Sealdanga, 3 Dhawra, Kulti	
191	10	62	Krishna Rabidas	Telka Rabidas	Sealdanga, 3 Dhawra, Kulti	
192	10	62	Mohan Rabidas	Budhan Rabidas	Sealdanga, 3 Dhawra, Kulti	
193	10	62	Durga Rabidas	Dasarath Rabidas	Sealdanga, 3 Dhawra, Kulti	
194	10	62	Madhu Rabidas	Dasarath Rabidas	Sealdanga, 3 Dhawra, Kulti	
195	10	62	Bijoy Rabidas	Dasarath Rabidas	Sealdanga, 3 Dhawra, Kulti	
196	10	62	Ramu Rabidas	Kamal Rabidas	Sealdanga, 3 Dhawra, Kulti	
197	10	62	Magra Rabidas	Kamal Rabidas	Sealdanga, 3 Dhawra, Kulti	
198	10	62	Paresh Hari	Radhamohan Hari	Sealdanga, 3 Dhawra, Kulti	
199	10	62	Bhola Dom		Sealdanga, 3 Dhawra, Kulti	
200	10	62	Ranjit Dom		Sealdanga, 3 Dhawra, Kulti	
201	10	63	Nathunia Das		Sealdanga, Tindhawra, Kulti	
202	10	63	Mahan Das		Sealdanga, Tindhawra, Kulti	
203	10	63	Dipak Das		Sealdanga, Tindhawra, Kulti	
204	10	63	Kumar Hari		Sealdanga, Tindhawra, Kulti	
205	10	64	Bhola Dom		12 No. Loco Line, Kulti	
206	10	64	Raju Dom		Seal Danga, Tindhawra	
207	10	64	Ranjit Dom		Seal Danga, Tindhawra	
208	10	65	Dipak Hari	Deba Hari	Seal Danga, Tindhawra	
209	10	65	Suresh Das	Jogeswar Das	Seal Danga, Tindhawra	
210	10	66	Bijoy Bauri		Kalali Road, Baltoria, Kulti	
211	10	68	Mala Das		Das Para, Barakar	
212	10	69	Shanti Das		Das Para, Barakar	
213	10	70	Abhishek Rabidas	Bhim Rabidas	Ranchi Dhawra, Kulti	
214	10	71	Bhola Rabidas	S/o Gulab Chand Rabidas	12 no. Loco Line.	

SM 28/5/19
A.E., SWM

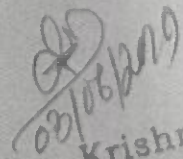
13

As per resolution of the first meeting S.W.M. Task Force of Bidhannagar Municipal Corporation following action have to be taken:

1. Total Solid Waste generated from the Salt Lake area (Ward No-28 to 41) = 180 tpd(approx) (from House Hold, Road Sweeping, Market & other Commercial Institution).
 - a. Bio-Degradable Waste = 108 tpd(approx).
 - b. Non- Bio-Degradable Waste = 72 tpd(approx).
2. Total nos. of house hold (Ward No-28 to 41) = 48919.
3. Total population (Ward No-28 to 41) = 215514.

Estimate for Conservancy equipments & Logistic support
(Ward No-28 to 41).

Sl No.	Description of item	Quantity	Rate (Including GST)	Amount
1.	Hydraulic e-Cart	30 nos.	Rs.1,70,000/-	Rs.5100000/-
2.	Try-Cycle Van	56 nos.	Rs.19,000/-	Rs.1064000/-
3.	Bin (20 Ltrs.)	50000 nos.	Rs.300/-	Rs.15000000/-
4.	Bin (15 Ltrs)	50000 nos.	Rs.200/-	Rs.10000000/-
5.	Labour	30 nos.	Rs.390/-	Rs.11700/-
6.	Jacket	403 nos.	Rs.250/-	Rs.100750/-
7.	Rain Coat	403 nos..	Rs.600/-	Rs.241800/-
8.	Gumboot	403 pair.	Rs.900/-	Rs.362700/-
9.	Gloves	403 set	Rs.90/-	Rs.36270/-
10.	Mask	403 nos.	Rs.20/-	Rs.8060/-
11.	Cap	403 nos.	Rs.60/-	Rs.24180/-
12.	1 TPD- Organic waste processing plant (Biomethanation) including civil works	6 nos.	Rs.7504840/-	Rs.45029040/-
TOTAL :				Rs.7,69,78,500/-

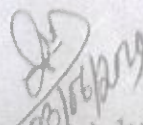

02/08/2019
Jiban Krishna Paul
Assistant Engineer
Bidhannagar
Municipal Corporation

As per resolution of the first meeting S.W.M. Task Force of Bidhannagar Municipal Corporation following action have to be taken:

1. Total Solid Waste generated from the Entire Bidhannagar Municipal Corporation (Ward No-01 to 27) = 270 tpd(approx) (from House Hold, Road Sweeping, Market & other Commercial Institution).
 - a. Bio-Degradable Waste = 162 tpd(approx).
 - b. Non - Bio-Degradable Waste = 108 tpd(approx).
2. Total nos. of house hold (Ward No-01 to 27) = 104742.
3. Total population (Ward No-01 to 27) = 418593.

Estimate for Conservancy equipments & Logistic support.
[Ward No.01 to 27].

Sl No.	Description of item	Quantity	Rate (Including GST)	Amount
1.	Hydraulic e-Cart	54 Nos.	Rs.1,70,000/-	Rs.9180000/-
2.	Try-Cycle Van	108 Nos.	Rs.19,000/-	Rs.2052000/-
3.	Bin (20 Ltrs.)	105000 Nos.	Rs.300/-	Rs.31500000/-
4.	Bin (15 Ltrs)	105000nos.	Rs.200/-	Rs.21000000/-
5.	Labour	54 nos.	Rs.390/-	Rs.21060/-
6.	Jacket	853 nos.	Rs.250/-	Rs.21350/-
7.	Rain Coat	853 nos.	Rs.600/-	Rs.511800/-
8.	Gumboot	853 nos.	Rs.900/-	Rs.967700/-
9.	Gloves	853 pair	Rs.90/-	Rs.76770/-
10.	Mask	853 nos.	Rs.20/-	Rs.17060/-
11.	Cap	853 nos.	Rs.60/-	Rs.51180/-
12.	1 TPD- Organic waste processing plant (Biomethanation) including civil works	08 nos.	Rs.7504840/-	Rs.60038720/-
TOTAL :				Rs.12,54,37,640/-


Jiban Krishna Paul
 Assistant Engineer
 Bidhannagar
 Municipal Corporation



DURGAPUR MUNICIPAL CORPORATION

CITY CENTRE, DURGAPUR - 713216, DIST. - PASCHIM BARDHAMAN

EPABX ⇨ (0343) 2545842, 2546994, 2546107 * Fax No. : 254-6472

Website : durgapurmunicipalcorporation.org * E-mail : durgapurcorporation@gmail.com

Ref. No. DMC / pw/ 177.....

Date 03/06/2019.....

To
The Director,
State Urban Development Agency
ILGUS Bhavan, HC-Block, Sector-III,
Salt lake, Kolkata-7000106

Sub Requisition of SWM Bins.

Madam,

Requisition of SWM bins is hereby submitted as follows

A. House hold Bins:

Green Colored bins: 1, 73,965 Nos

Blue Colored bins: 1, 73,965 Nos

Total: 3, 47,930 Nos

B. Community Bins:

Green Colored bins: 28,484 Nos

Blue Colored bins: 28,484 Nos

Total: 56,968 Nos

This is for your kind information please.

Thanking You

Yours Faithfully

P. Sub
3/6/19

Commissioner

Durgapur Municipal Corporation

03/06/19

Memo No.....

Copy forwarded to

1. Hon'ble Mayor, D.M.C
2. MMIC, SWM, DMC

Sri. C. Das, AE

Please do the needful

Pw.

03/06/2019.

Date:

Commissioner
Durgapur Municipal Corporation

Form - IV

[see rules 15(za), 24(2)]


Format for annual report on solid waste management to be submitted by the local body

CALENDAR YEAR:	DATE OF SUBMISSION OF REPORT:
2019-2020	

1	Name of the City/Town and State	DURGAPUR
2	Population	6,56,316 (APPROX)
3	Area in sq. kilometers	154 SQ KM
4	Name & Address of local body Telephone No. Fax No. E-mail:	Durgapur Municipal Corporation No- 0343-2545842 durgapurcorporation@gmail.com
5	Name of officer in-charge dealing with solid waste management (SOLID WASTEM) Phone No: Fax No: E-mail:	Debabrata Biswas (Executive Engineer), D.M.C No-8250675569 bisdeb2009@gmail.com
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	1,64,079 25,000 43
7	<u>Quantity of Solid waste (solid waste)</u> Estimated Quantity of solid waste generated in the local body area per day in metric tones Quantity of solid waste collected per day Per capita waste collected per day Quantity of solid waste processed Quantity of solid waste disposed at dumpsite/ landfill	 Residential: 262/tpd Non Residential: 30/tpd C&D, Drain sludge: 40/tpd Total: 332/tpd 192/tpd 250/gm/day Nil 192/tpd
8	<u>Status of Solid Waste Management service</u>	

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Segregation and storage of waste at source						
Whether SOLID WASTE is stored at source in domestic/commercial/ institutional bins, If yes,						No
Percentage of households practice storage of waste at source in domestic bins						%
Percentage of non-residential premises practice storage of waste at source in commercial /institutional bins						%
Percentage of households dispose or throw solid waste on the streets						%
Percentage of non-residential premises dispose or throw solid waste on the streets						%
Whether solid waste is stored at source in a segregated form, If yes,						No
Percentage of premises segregating the waste at source						%
<u>Door to Door Collection of solid waste</u> 0-						
Whether door to door collection (D2D) of solid waste is being done in the city/town						Yes (50%)
if yes						
Number of wards covered in D2D collection of waste						43
No. of households covered						86,320
No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/ offices etc covered						850
Percentage of residential and non-residential premises covered in door to door collection through :						
Motorized vehicle						30 %
Containerized tricycle/handcart						70 %
Other device						%
If not, method of primary collection adopted						30% solid waste collected by dumper and compactor
<u>Sweeping of streets</u> 0-						
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned						1100km
Frequency of street sweepings and percentage of population covered	frequency	Daily	Alternate days	Twice a week	Occasionally	
	% of population covered	20	20	10	50	

<p>Tools used</p> <p>Manual sweeping</p> <p>Mechanical sweeping</p> <p>Whether long handle broom used by sanitation workers</p> <p>Whether each sanitation worker is given handcart/tricycle for collection of waste</p> <p>Whether handcart / tricycle is containerized</p> <p>Whether the collection tool synchronizes with collection/ waste storage containers utilized</p>	<p>%</p> <p>100 %</p> <p>Yes</p> <p>Yes</p> <p>No</p> <p>Yes</p>								
<p>Secondary Waste Storage facilities </p>									
<p>No. and type of waste storage depots in the city/town</p> <p>Open waste storage sites</p> <p>Masonry bins</p> <p>Cement concrete cylinder bins</p> <p>Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m3 bins 2 to 5 m3 bins Above 5m3 containers Bin-less city</p>	<p>No. Capacity in m³</p> <p>969 M3</p> <p>270.5 M3</p> <p>2140 M3</p> <p>765 M3</p>								
<p>Bin/ population ratio</p>	<p>Yes</p>								
<p>Ward wise details of waste storage depots (attach)</p> <p>: Ward No:</p> <p>Area:</p> <p>Population:</p> <p>No. of bins placed</p> <p>Total volume of bins placed</p>	<p>1 - 43</p> <p>SHEET ATTACHED</p>								
<p>Total storage capacity of waste storage facilities in cubic meters</p>	<p></p>								
<p>Total waste actually stored at the waste storage depots daily</p>	<p>192 MT/DAY</p>								
<p>Give frequency of collection of waste from the depots</p> <p>Number of bins cleared</p>	<table border="1"> <thead> <tr> <th>Frequency</th> <th>No. of bins</th> </tr> </thead> <tbody> <tr> <td>Daily</td> <td>237</td> </tr> <tr> <td>Alternate day</td> <td>326</td> </tr> <tr> <td>Twice a week</td> <td>392</td> </tr> </tbody> </table>	Frequency	No. of bins	Daily	237	Alternate day	326	Twice a week	392
Frequency	No. of bins								
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Daily	237								
Alternate day	326								
Twice a week	392								

		Once a week	444
		Occasionally/ Once in a month	2054
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins	NO (if yes, add details) No. of green bins: No. of blue bins: No. of black bins:	
	Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage (%) of Manual Lifting of solid waste (%) of Mechanical lifting		80 % 20 %
	If mechanical - specify the method used	front-end loaders/ Top loaders (COMPACTOR 05) & (DUMPER 09)	
	Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	No (if yes, specify)	
	Waste transportation per day Type and Number of vehicles used	No. Trips made	waste
	Animal cart	03 - 02 TRIPS	- 12T/DAY
	Tractors		
	Non tipping Truck	17 - 03 TRIPS	- 76 T/DAY
	Tipping Truck	09 - 06 TRIPS	- 86 T/DAY 30 % 20 %
	Dumper Placers		
	Refuse collectors	03 - 01 TRIP	- 18 T/DAY SUPER 09
	Compactors		
	Others		
	JCB/loader		
		TOTAL = 192 T/DAY	
	Frequency of transportation of waste	Frequency	(%) of waste transported
		Daily	57%
		Alternate day	10%
		Twice a week	5%
		Once a week	5%
		Occasionally	23%
	Quantity of waste transported each day	192/tpd T/DAY	
	Percentage of total waste transported daily	57% T/DAY	
	Waste Treatment Technologies used	NO T/DAY	

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Whether solid waste is processed	No
If yes, Quantity of waste processed daily	N/A
Whether treatment is done by local body or through an agency	N/A
Land(s) available with the local body for waste processing (in Hectares)	N/A
Land currently utilized for waste processing	N/A
Solid waste processing facilities in operation	N/A
Solid waste processing facilities under construction	YES
Distance of processing facilities from city/town boundary	N/A
Details of technologies adopted	N/A
Composting ,	Qty. raw material processed N/A Qty. final product produced N/A Qty. sold Quantity of residual waste landfilled
Vermi composting	Qty. raw material processed Qty. final product produced N/A Qty. sold Quantity of residual waste landfilled
Bio-methanation	Qty. raw material processed Qty. final product produced N/A Qty. sold Quantity of residual waste landfilled
Refuse Derived Fuel	Qty. raw material processed Qty. final product produced N/A Qty. sold Quantity of residual waste landfilled
Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed Qty. final product produced N/A Qty. sold Quantity of residual waste landfilled
Co-processing	Qty. raw material processed N/A
Combustible waste supplied to cement plant	N/A
Combustible waste supplied to solid waste based power plants	N/A
Others	Qty. N/A



Solid waste disposal facilities		
No. of dumpsites sites available with the local body		01 NO
No. of sanitary landfill sites available with the local body		N/A
Area of each such sites available for waste disposal		-
Area of land currently used for waste disposal		11 ACRES
Distance of dumpsite/landfill facility from city/town		05 kms
Distance from the nearest habitation		01 kms
Distance from water body		02 kms
Distance from state/national highway		05 kms
Distance from Airport		16 kms
Distance from important religious places or historical monument		07 kms
Whether it falls in flood prone area		No
Whether it falls in earthquake fault line area		No
Quantity of waste landfilled each day		Tpd N/A
Whether landfill site is fenced		Yes / No N/A
Whether Lighting facility is available on site		Yes / No N/A
Whether Weigh bridge facility available		Yes / No N/A
Vehicles and equipments used at landfill (specify)	Bulldozer, Compactors etc, available	N/A
Manpower deployed at landfill site	Yes/No (if yes, attach details)	N/A
Whether covering is done on daily basis	Yes/No	N/A
If not, Frequency of covering the waste deposited at the landfill		N/A
Cover material used		N/A
Whether adequate covering material is available	No	
Provisions for gas venting provided	Yes/No (if yes, attach technical data sheet)	N/A
Provision for leachate collection	Yes/No (if yes, attach technical data sheet)	N/A

9	Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes/No (if Yes attach Action Plan details)
10	What separate provisions are made for : Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details on Proposals. Steps taken, No No No
11	Details of Post Closure Plan	Attach Plan N/A
12	How many slums are identified and whether these are provided with Solid Waste Management facilities :	No 285 SLUMS (if Yes, attach details)
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	149 NOS (PERMANENT WORKERS)
14	Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	2061 NOS
15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	N/A
16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	8 SLUMS

Date:

Place:

M. E. DTE
02.05.19

Signature of CEO/Municipal Commissioner/
EXECUTIVE ENGINEER
Executive Officer/Chief Officer
M. E. DTE
GOVERNMENT OF W.B.
POSTED AT
DURGAPUR MUNICIPAL CORPORATION

VOLUME OF GARBAGE COLLECTION DEPOTS UNDER DMIC AREA

Sl No	Ward No	Area in (Sq Km)	Population	No of Open Storage Site	Volume M3	No of Masonry Bin	Volume M3	No of Cement Concrete Bin	Volume M3	No of Single Container	Volume M3	No of Double Container	Volume M3	No of Compact or Bin	Volume M3	No of Plastic Bin	Volume M3	Total no of Garbage Storage Depots	Total Volume
1	1	12.8	20361	6	5	0	0	0	0	0	0	0	0	0	0	6	1.5	12	6.5
2	2	9.5	5116	5	4	0	0	0	0	0	0	0	0	0	0	6	1.5	11	5.5
3	3	3.6	11952	0	0	0	0	262	262	0	0	0	0	0	0	6	1.5	268	263.5
4	4	2.4	19215	0	0	0	0	278	278	0	0	0	0	0	0	6	1.5	284	279.5
5	5	1.05	16251	0	0	0	0	214	214	0	0	2	6	0	0	6	1.5	222	221.5
6	6	1.4	13135	0	0	1	6	240	240	0	0	0	0	0	0	6	1.5	247	247.5
7	7	2.8	16987	0	0	0	0	268	268	1	2	0	0	0	0	6	1.5	275	271.5
8	8	1.55	18900	0	0	0	0	280	280	0	0	1	3	0	0	6	1.5	287	284.5
9	9	1.5	23467	0	0	0	0	275	275	0	0	0	0	0	0	6	1.5	281	276.5
10	10	1.9	13854	0	0	0	0	233	233	0	0	1	3	1	1.1	6	1.5	241	238.6
11	11	2.3	12892	5	5	0	0	5	5	0	0	2	6	0	0	9	2.25	21	18.25
12	12	0.75	15620	4	4	0	0	0	0	0	0	0	0	0	0	9	2.25	13	6.25
13	13	1.4	9269	14	56	1	1	0	0	1	4	4	12	2	2	18	4.5	40	79.5
14	14	1.7	30044	15	7	0	0	6	6	2	8	4	12	3	3	14	3.5	44	39.5
15	15	1.2	16953	16	16	0	0	10	5	0	0	11	33	0	0	12	3	49	57
16	16	4.2	17200	8	8	0	0	0	0	2	8	4	12	0	0	10	2.5	24	30.5
17	17	1	12911	7	7	0	0	0	0	0	0	4	12	3	3	8	2	24	24
18	18	0.4	8793	3	3	0	0	0	0	1	4	6	12	0	0	9	2.25	19	21.25
19	19	0.85	14734	6	6	0	0	2	2	1	4	6	12	7	7	16	4	35	32
20	20	0.65	18709	5	5	0	0	0	0	1	4	6	12	0	0	10	2.5	22	29.5
21	21	1.15	15700	10	12	1	3	0	0	2	8	6	18	0	0	11	2.75	30	43.75
22	22	3.65	32450	30	33	1	15	0	0	19	76	3	9	0	0	9	1.75	62	121.75
23	23	3.55	16735	9	15	0	0	16	10	4	16	6	18	0	0	7	3.75	39	51.75
24	24	1.7	18220	12	24	0	20	0	0	0	0	6	18	0	0	15	3.75	73	65.75
25	25	9.2	14562	10	13	0	0	0	0	0	0	4	12	0	0	5	1.25	19	26.25
26	26	1.7	21110	15	20	0	40	0	0	0	0	7	21	0	0	6	1.5	84	82.5
27	27	10.9	26354	19	30	0	0	0	0	5	2	11	33	0	0	6	1.5	41	66.5
28	28	8.05	21796	12	48	0	0	0	0	4	16	2	6	2	2	9	2.25	28	71.25
29	29	3.75	14293	5	20	3	12	0	0	5	20	2	6	2	2	10	2.5	27	62.5
30	30	3.7	19392	6	24	3	12	0	0	3	12	5	15	1	1	14	3.5	32	75.5
31	31	3.4	8353	4	16	0	12	0	0	2	8	0	0	0	0	8	2	17	38
32	32	3.7	9017	15	60	0	30	0	0	3	12	6	18	1	1	1	0.25	26	91.25
33	33	1.2	10603	8	32	0	0	0	0	0	0	0	0	1	1	4	1	19	40
34	34	6.4	9416	15	60	0	0	0	0	1	4	0	0	0	0	10	2.5	26	66.5
35	35	3	13987	45	180	21	21	0	0	10	40	2	6	3	3	8	2	89	252
36	36	4.9	12044	17	68	52	52	95	40	0	0	0	0	0	0	14	3.5	178	163.5
37	37	6	10024	11	44	40	40	50	22	6	24	1	3	0	0	19	4.75	127	137.75
38	38	6.5	9839	4	24	0	0	0	0	2	8	0	0	0	0	8	2	14	34
39	39	3.25	6851	4	16	0	0	0	0	0	0	0	0	0	0	7	1.75	11	17.75
40	40	1.6	7224	3	20	0	0	0	0	0	0	2	6	0	0	8	2	13	28
41	41	1.4	14915	3	24	0	0	0	0	0	0	4	12	0	0	14	3.5	23	75.5
42	42	1.1	11170	11	30	0	0	0	0	1	4	4	12	4	4	8	2	28	52
43	43	11.25	15898	11	30	0	0	0	0	0	0	3	9	7	7	9	2.25	30	48.25
TOTAL	TOTAL	154	658316	373	969	290	270.5	2234	2140	76	284	118	348	37	37.1	385	96.25	3453	4144.85



BIDHANNAGAR MUNICIPAL CORPORATION

Poura Bhawan, FD-415A, Sector-III
Salt Lake City, Kolkata-700 106

Memo No. : Bmc/95/2019/701

Date : 11-04-2019

To
The Director,
State Urban Development Agency,
ILGUS Bhaban, HC Block, Sector- III,
Salt Lake, Kolkata - 700 106.



EE (B&D)
ASD
Gous Babi
Please
17/4

Sub : Submission of filled in format (FORM - IV) for annual report on Solid Waste Management by Bidhannagar Municipal Corporation.

Madam,

With reference to the above, I am forwarding herewith the filled in FORM - IV for your perusal.

Thanking you.

Yours faithfully,

Commissioner
Bidhannagar Municipal Corporation

Encl. : As stated.

Memo No. :

Dated -

Copy forwarded for information to :

1. Hon'ble Mayor, Bidhannagar Municipal Corporation.
2. Hon'ble, MMIC (Conservancy), Bidhannagar Municipal Corporation.
3. Joint Municipal Commissioner, Bidhannagar Municipal Corporation.
4. Controller of Finance, Bidhannagar Municipal Corporation.
5. Executive Engineer, Conservancy, Bidhannagar Municipal Corporation.

Commissioner
Bidhannagar Municipal Corporation

Form - IV

[see rules 15(za), 24(2)]

Format for annual report on solid waste management to be submitted by the local body

CALENDAR YEAR:	DATE OF SUBMISSION OF REPORT:

1	Name of the City/Town and State : BIDHANNAGAR MUNICIPAL CORPORATION	BIDHANNAGAR
2	Population	634107 NOS.
3	Area in sq. kilometers	61.48 SQ.KM.
4	Name & Address of local body : BIDHANNAGAR MUNICIPAL CORPORATION Telephone No. 033-2334-0314 Fax No. 2358-4235 E-mail: Bidhannagar.corporation@gmail.com	
5	Name of officer in-charge dealing with solid waste management (SOLID WASTE M) Phone No: Fax No: E-mail:	
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	153661 NOS. 41 NOS. OF WARDS
7	Quantity of Solid waste (solid waste)	500 MT/ DAY
	Estimated Quantity of solid waste generated in the local body area per day in metric tones	400/tpd
	Estimated quantity other than local bodies, i.e. NKDA, N.D.I.T.A & ORS	100/tpd
	Quantity of solid waste collected per day	400/tpd
	Per capita waste collected per day	550 gm/day
	Quantity of solid waste processed	/tpd
	Quantity of solid waste disposed at dumpsite/ landfill	500/tpd
8	Status of Solid Waste Management service	
	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/ institutional bins, If yes,	Yes/No ✓
	Percentage of households practice storage of waste at source in domestic bins	%
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins	30%
	Percentage of households dispose or throw solid waste on the streets	1%
	Percentage of non-residential premises dispose of throw solid waste on the streets	0%
	Whether solid waste is stored at source in a segregated form, If yes,	Yes/No ✓
	Percentage of premises segregating the waste at source	0%

Door to Door Collection of solid waste		✓				
Whether door to door collection (D2D) of solid waste is being done in the city/town		Yes/No				
if yes		100% DLD				
Number of wards covered in D2D collection of waste		41 NOS.				
No. of households covered		153661 NOS.				
No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/ offices etc covered						
Percentage of residential and non-residential premises covered in door to door collection through :						
Motorized vehicle		20%				
Containerized tricycle/handcart		80%				
Other device		0%				
If not, method of primary collection adopted						
Sweeping of streets						
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned		490 km				
Frequency of street sweepings and percentage of population covered	frequency	Daily	Alternate days	Twice a week	Occasionally	
	% of population covered ✓	✓				
Tools used						
Manual sweeping	80%					
Mechanical sweeping	20%					
Whether long handle broom used by sanitation workers	✓ Yes/No					
Whether each sanitation worker is given handcart/tricycle for collection of waste	✓ Yes/No					
Whether handcart / tricycle is containerized	✓ Yes/No					
Whether the collection tool synchronizes with collection/ waste storage containers utilized	✓ Yes/No					
Secondary Waste Storage facilities						

<p>No. and type of waste storage depots in the city/town</p> <p>Open waste storage sites</p> <p>Masonry bins / Vat</p> <p>Cement concrete cylinder bins</p> <p>Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m³ bins 2 to 5 m³ bins Above 5m³ containers Bin-less city</p>	<p>No. Capacity in m³</p> <p>35 nos. Un-covered vat</p> <p>25 nos. Covered vats (3.50 m³ Capacity each)</p> <p>70 nos. of Metal Container @ 1.10 m³ capacity each.</p> <p>60 nos. of Plastic container @0.66 m³ capacity each.</p>										
<p>Bin/ population ratio</p>											
<p>Ward wise details of waste storage depots (attach)</p> <p>: Ward No:</p> <p>Area:</p> <p>Population:</p> <p>No. of bins placed</p> <p>Total volume of bins placed</p>	<p>Ward wise details as per enclosed sheet.</p> <p>Disposal of waste from different wards collected through Door to Door and deposited at requisite no. of vats and disposed off by garbage truck and by moveable & stationary compactor to the Mollar Bheri Dumping Ground daily.</p>										
<p>Total storage capacity of waste storage facilities in cubic meters</p>	<p>300 M.T. = 126 m³ (approx) / day.</p>										
<p>Total waste actually stored at the waste storage depots daily</p>	<p>270 M.T. = 114 m³ (approx) / day.</p>										
<p>Give frequency of collection of waste from the depots</p> <p>Number of bins cleared</p>	<table border="1"> <tr> <td data-bbox="762 1084 1018 1233"> <p>Frequency</p> </td> <td data-bbox="1018 1084 1406 1233"> <p>No. of bins = 130 nos.</p> </td> </tr> </table>	<p>Frequency</p>	<p>No. of bins = 130 nos.</p>								
<p>Frequency</p>	<p>No. of bins = 130 nos.</p>										
	<table border="1"> <tr> <td data-bbox="762 1233 1018 1288"> <p>Daily <input checked="" type="checkbox"/></p> </td> <td data-bbox="1018 1233 1406 1288"></td> </tr> <tr> <td data-bbox="762 1288 1018 1342"> <p>Alternate day</p> </td> <td data-bbox="1018 1288 1406 1342"></td> </tr> <tr> <td data-bbox="762 1342 1018 1397"> <p>Twice a week</p> </td> <td data-bbox="1018 1342 1406 1397"></td> </tr> <tr> <td data-bbox="762 1397 1018 1451"> <p>Once a week</p> </td> <td data-bbox="1018 1397 1406 1451"></td> </tr> <tr> <td data-bbox="762 1451 1018 1560"> <p>Occasionally</p> </td> <td data-bbox="1018 1451 1406 1560"></td> </tr> </table>	<p>Daily <input checked="" type="checkbox"/></p>		<p>Alternate day</p>		<p>Twice a week</p>		<p>Once a week</p>		<p>Occasionally</p>	
<p>Daily <input checked="" type="checkbox"/></p>											
<p>Alternate day</p>											
<p>Twice a week</p>											
<p>Once a week</p>											
<p>Occasionally</p>											
<p>Whether storage depots have facility for storage of segregated waste in green, blue and black bins</p>	<p>Yes/ No <input checked="" type="checkbox"/></p> <p>(if yes, add details)</p> <p>No. of green bins:</p> <p>No. of blue bins:</p> <p>No. of black bins:</p>										
<p>Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage</p> <p>(%) of Manual Lifting of solid waste</p> <p>(%) of Mechanical lifting (By Back- Hoe- Loader & by Compactor)</p>	<p>68%</p> <p>32%</p>										

If mechanical - specify the method used	front-end loaders/ Top loaders
Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	Yes/ No (if yes, specify)
Waste transportation per day Type and Number of vehicles used	No. Trips made waste transported
<ul style="list-style-type: none"> Animal cart Tractors Non tipping Truck Tipping Truck Dumper Placers Refuse collectors Compactors Others . JCB/loader 	
Frequency of transportation of waste	Frequency (%) of waste transported Daily <input checked="" type="checkbox"/> Alternate day Twice a week Once a week Occasionally
Quantity of waste transported each day	500/tpd (Total waste of BMC, NKDA & NDITA)
Percentage of total waste transported daily	100%
Waste Treatment Technologies used	
Whether solid waste is processed	Yes/No <input checked="" type="checkbox"/>
If yes, Quantity of waste processed daily	/tpd
Whether treatment is done by local body or through an agency	
Land(s) available with the local body for waste processing (in Hectares)	Total Area of Dumping Ground = 500 Hectares.
Land currently utilized for waste processing	N/A
Solid waste processing facilities in operation	N/A
Solid waste processing facilities under construction	N/A
Distance of processing facilities from city/town boundary	12 KM

Details of technologies adopted	N/A
Composting ,	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Vermi composting	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Bio-methanation	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Refuse Derived Fuel	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Co-processing	Qty. raw material processed
Combustible waste supplied to cement plant	N/A
Combustible waste supplied to solid waste based power plants	N/A
Others	Qty.
Solid waste disposal facilities	Land fill
No. of dumpsites sites available with the local body	01 (One)
No. of sanitary landfill sites available with the local body	N/A
Area of each such sites available for waste disposal	550 Hectare
Area of land currently used for waste disposal	-Do -
Distance of dumpsite/landfill facility from city/town	08 kms
Distance from the nearest habitation	1.5 kms
Distance from water body	1.0kms

A project is taken under consideration.

	Distance from state/national highway	10 kms
	Distance from Airport	15 kms
	Distance from important religious places or historical monument	08 kms
	Whether it falls in flood prone area	Yes/No ✓
	Whether it falls in earthquake fault line area	Yes/No ✓
	Quantity of waste landfilled each day	tpd
	Whether landfill site is fenced	Yes / No ✓
	Whether Lighting facility is available on site	Yes / No ✓
	Whether Weigh bridge facility available	Yes / No ✓
	Vehicles and equipments used at landfill (specify)	Bulldozer, Compacters etc. available
	Manpower deployed at landfill site	Yes/No ✓ (if yes, attach details)
	Whether covering is done on daily basis	Yes/No ✓
	If not, Frequency of covering the waste deposited at the landfill	
	Cover material used	
	Whether adequate covering material is available	Yes/No ✓
	Provisions for gas venting provided	Yes/No ✓ (if yes, attach technical data sheet)
	Provision for leachate collection	Yes/No ✓ (if yes, attach technical data sheet)
9	Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes/No (Under Process) (if Yes attach Action Plan details)
10	What separate provisions are made for : Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details on Proposals,Steps taken, Yes/No ✓ Yes/No ✓ Yes/No ✓
11	Details of Post Closure Plan	Attach Plan ✓
12	How many slums are identified and whether these are provided with Solid Waste Management facilities :	Yes/ No ✓ (if Yes, attach details) Total no. of Slums are identified of 181 nos. within the Bidhannagar Municipal Corporation
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	Total = 2097 Nos. (Labour, Helper, Supervisor, Driver, Mechanics, Fitter & General Staff)

14	Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	N/A.
15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	We have taken so many awareness programme regarding the S.W.M. with the people.
16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	Our motto for disposal of total solid waste without any segregation with Plasma Heat generated by Back Hole method

J.K.P.
09/04/2019
Jiban Krishna Paul
Assistant Engineer
Bidhannagar
Municipal Corporation

4
09/04/19
Executive Engineer
Bidhannagar Municipal Corporation

Date: 10.6.19
Place: Bidhannagar

Dansar
Signature of CEO/Municipal Commissioner /
Executive Officer/Chief Officer

Form- IV

[See rules 15 (Za), 24 (2)]

Format for annual report on solid waste management to be submitted by the local body

CALENDER YEAR	DATE OF SUBMISSION OF REPORT:

1.	Name of the City / Town and State.	Asansol/ West Bengal
2.	Population	As per cencus 2011,11,56,387
3.	Area in sq. Kilometers	326.48 Sq. Km.
4.	Name & Address of local body	Asansol Municipal Corporation, Dr.G.R.MitraSarani,Asansol -713301
	Telephone No.	0341 230-2219
	Fax No:	0341-230-2419
	E- mail:	mayor.amc@gmail.com
5.	Name of officer in- charge dealing with solid waste management(SOLID WASTEM)	S.P. Konar
	Phone No:-	9083254820
	Fax No:	
	Email:	
6.	Number of household in the city/town	2,25,350
	Number of non-residential premises in the city	2944
	Number of election/administrative wards in the city/town	106 Wards
7.	Quantity of Solid waste (Solid waste)	
	Estimated Quantity of solid waste generated in the local body area per day in metric Tones	624 M.T/Day
	Quantity of Solid waste collected per day	499.2 tpd
	Per capita waste collected per day	450/gm/day
	Quantity of solid waste processed	Nil
	Quantity of solid waste disposal at dumpsite / landfill	499 tpd
8.	Status of solid waste management service	
	Segregation & storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/institutional bins, if yes, Percentage of households practice storage of waste at source in domestic bins	No N.A
	Percentage of non-residential premises practice storage of waste at source in commercial/ institutional bins	N.A
	Percentage of households dispose or throw solid waste on the streets	N.A

Percentage of non- residential premises dispose of throw solid waste on the streets	N.A				
Whether solid waste is stored at source in a segregated forms , If yes,	No				
Percentage of premises segregating the waste at source	N.A				
Door to Door Collection of Solid Waste					
Whether door to door collection (D2D) of solid waste is being done in the city/town	Yes				
If yes					
Number of wards covered in D2D collection of waste	Covering partially in 56 nos. ward				
No. of households covered	34562 nos.				
No. of non- residential premises including commercial establishments, hotels, restaurants educational institutions/offices etc. covered	988 nos.				
Percentage of residential and non residential premises covered in door to door collection through:					
Motorized vehicle:	Nil				
Containerized tricycle/handcart	91%				
Other device	9%				
If not, method of primary collection adopted	N.A				
Sweeping of streets	Yes				
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned	1531 km.				
Frequency of street sweeping and percentage of population covered	Frequency	Daily	Alternate days	Twice a week	Occasionally
	% of population covered	40%	25%	22%	13%
Tools used					
Manual sweeping	100%				
Mechanical sweeping	No				
Whether long handle broom used by sanitation Workers	Yes				

Whether each sanitation worker is given handcart/tricycle for collection of waste	Yes	
Whether handcart/tricycle is containerized	Yes	
Whether the collection tool synchronizes with collection/waste storage containers utilized	Yes	
Secondary Waste Storage facilities		
No. and type of waste storage depots in the city/town	No.	Capacity in m ³
	<ul style="list-style-type: none"> • Open waste storage sites • Masonry bins • Cement concrete cylinder bins • Dhalao/ Covered Room/Space covered • metals/Plastic containers upto 1.1 m³ • bins 2 to 5 m³ bins Above 5m³ containers • Bin- Less city 	1043 Nos. 2951.69 711 Nos. 1931.64 224 Nos. 177.49 3 Nos. 27.17 259 Nos. 777 No
Bin/population ratio	1: 960	
Ward wise details of waste storage depots (attach): Ward No: Area: Population: No. of bins placed: Total volume of bins placed:	Attached herewith ward wise Details Storage depot as (Annexure-2)	
Total storage capacity of waste storage facilities in cubic meters	2922.67 m ³	
Total waste actually stored at the waste storage depots daily		
Give frequency of collection of waste from the Depots Number of bins cleared:	Frequency	No. of bins
	Daily	1144 Nos.
	Alternate day	48 Nos.
	Twice a week	
	Once a week	
	Occasionally	
Whether storage depots have facility for storage of segregated waste in green, blue, and black bins.	No (if yes, add details) No. of green bins: No. of blue bins: No. of black bins:	

Whether lifting of solid waste from storage depots is manual or mechanical , Give percentage (%) of Manual Lifting of solid waste (%) of Mechanical lifting	72% 28%
If mechanical- specify the method used	Front-end loaders/ Top loaders (By Dumper Placer)
Whether solid waste lifted from door to door and transported to treatment plant directly in a segregated form	No
Waste transportation per day Type and Number of vehicles used	No. Trips made Waste transported
Animal Cart 44 3 1.5 to 1.75 MTD per trip
Tractors
Non tipping truck 45 3 1.5 to 1.75 MTD per trip
Tipping Truck	7 3 2 to 2.5 MTD per trip
Dumper Placers
Refuse Collectors 3(Movable) 1 7 to 10 MTD per trip
Compactor	2 (Stationary) 1 6 to 8 MTD per trip
Others	10 3 0.3 to 0.5 MTD per trip
JCB/loader	2
Frequency of transportation of waste	Frequency (%) of waste transported Daily 96% Alternate day 4% Twice a week -- Once a week -- Occasionally --
Quantity of waste transported each day	499.2tpd
Percentage of total waste transported daily	80%
Waste Treatment Technologies used	No
Weather solid waste is Processed	No
If yes, Quantity of waste processed daily	No
Whether treatment is done by local body or through an agency	No
Land(s) available with the local body for waste processing (in Hectares)	No
Land currently utilized for waste processing	Nil
Solid waste processing facilities in operation	Nil
Solid waste processing facilities under construction	No
Distance of processing facilities from city/town Boundary	Nil
Details of technologies adopted	Nil
Composting,	Qty. Raw material processed- Nil Qty. Final product produced- Nil Qty. Sold-- Nil Quantity of residual waste landfilled- Nil

Vermi Composting,	Qty. Raw material processed- Nil Qty. Final product produced- Nil Qty. Sold- Nil Quantity of residual waste landfilled- Nil
Bio-methanation	Qty. Raw material processed- Nil Qty. Final product produced- Nil Qty. Sold- Nil Quantity of residual waste landfilled- Nil
Refuse Derived Fuel	Qty. Raw material processed- Nil Qty. Final product produced- Nil Qty. Sold- Nil Quantity of residual waste landfilled- Nil
Waste to Energy technology Such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. Raw material processed- Nil Qty. Final product produced- Nil Qty. Sold- Nil Quantity of residual waste landfilled- Nil
Co-processing	Qty. Raw material processed- Nil
Combustible waste supplied to cement plant	Nil
Combustible waste supplied to solid waste based power plants	Nil
Others	Qty.
Solid waste disposal facilities	Open dumping
No. of dumpsites sites available with the local body.	5 Nos.
No. of sanitary landfill sites available with the local body	Nil
Area of each such sites available for waste disposal	Nil
Area of land currently used for waste disposal	Nil
Distance of dumpsites/landfill facility from city/town	Nil
Distance from the nearest habitation	Nil
Distance from water body	Nil
Distance form state/national highway	Nil
Distance from Airport	Nil
Distance from important religious places or historical monument	Nil
Whether it falls in flood prone area	Nil
Whether it falls in earthquake fault line area	Nil
Quantity of waste landfilled each day	Nil
Whether landfill site is fenced	Nil
Whether lighting facility is available on site	Nil
Whether weigh bridge facility available	Nil

	Vehicles and equipments used at landfill (specify)	Nil
	Manpower deployed at landfill site	No
	Whether covering is done on daily basis	No
	If not, Frequency of covering the waste deposited at the landfill	
	Cover material used	
	Whether adequate covering material is available	No
	Provisions for gas venting provided	No
	Provisions for leachate collection	No
9	Whether an Action plan has been prepared for improving solid waste management practices in the city	Not Yet
10	What separate provisions are made for: Dairy related activities: Slaughter houses waste: C & D waste (construction debris):	No No No
11	Details of Post Closure Plan	N.A
12	How many slums are identified and whether these are provided with Solid Waste Management Facilities:	Nil
13	Give details of : Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.	attached details total strength as Annexure 1
14	Give details of : Contractor/concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	NIL
15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	There are many stake holders in township where it is difficult for local body for managing solid waste, also there is a dearth expertise in this field at local level.
16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies.	


Commissioner

Date:-

Place:-

Asansol Municipal Corporation

TOTAL STRENGTH OF SANITARY DEPARTMENT, A.M.C

NAME OF THE POST	Parmanent	Casual/ Dailyrated	Contractual	Total
SANITARY INSPECTOR	5	3	4	12
SANITARY ASSISTANT		6		6
SUPERVISOR C.S & C.M	35			35
OFFICE WORKER		10		10
SUPERVISOR		103		103
DUMPING GROUNG SUPERVISOR		5		5
NIGHT CLEANING SUPERVISOR		2		2
LABOUR	222	1202		1424
	N.B.-Total sweeper- 299 nos.			
SLUDGE LABOUR		131		131
SPRAY WORKER		2		2
NIGHT CLEANING LABOUR		14		14
DOOR TO DOOR GARBAGE CLEANER (PARTLY)		7		7
DRIVER	6	69		75
VEHICLE SUPERVISOR		10		10
GARBAGE LABOUR	7	283		290
PEON		2		2
SECUIRTY		7		7
			Total	2135

		42
		3.5
		147
		60
others	135	8820
super	155	
	1845	
	424	
	20	labour

**Borough wise Driver List
SANITARY DEPT. AM.C**

BOROUGH	PARMANENT DRIVER	DRIVER CASUAL FIXED PAY & DAILY RATED
V (Asansol)		12
IV (Asansol)		14
III (Asansol)		12
VI (Asansol)		7
VII (Asansol)	1	12
VIII (Kulti)	1	
IX (Kulti)		
X (Kulti)		4
I (Jamuria)		1
II (Raniganj)	4	7
Total	6	69

TOTAL EXPENDITURE FOR ONE DAY IN SANITARY DEPARTMENT, A.M.C

NAME OF THE POST	Permanent	Rate/Perday Rs.	Total Amount Rs.	Casual/ Dailyrated	Rate/Perday Rs.	Total Amount Rs.	Contractual	Rate/Perday Rs.	Total Amount Rs.	Total Staff	5	800
SANITARY INSPECTOR	5	800	4000	3	232	696	4	400	1600	12		
SANITARY ASSISTANT			0	6	232	1392				6	35	600
SUPERVISOR C.S & C.M	35	600	21000			0				35		
OFFICE WORKER			0	10	232	2320				10		
SUPERVISOR			0	103	250	25750				103		
DUMPING GROUND SUPERVISOR			0	5	250	1250				5		
NIGHT CLEANING SUPERVISOR			0	2	250	500				2	222	600
LABOUR	222	600	133200	1202	232	278864				1424		
SLUDGE LABOUR			0	131	232	30392				131		
SPRAY WORKER			0	2	232	464				2		
NIGHT CLEANING LABOUR			0	14	232	3248				14		
DOOR TO DOOR GARBAGE CLEANER (PARTLY)			0	7	232	1624				7	6	500
DRIVER	6	500	3000	71	250	17750				77		
VEHICLE SUPERVISOR			0	10	232	2320				10	7	500
GARBAGE LABOUR	7	500	3500	282	232	65424				289		
PEON			0	2	232	464				2		
SECURITY			0	7	232	1624				7	3	232
			Rs. 164700			Rs. 434062			Rs. 1600	2136	6	232

Total Rs. 600382

Vehicle Repairing expenditure for one day	3440
Fuel bill expenditure for one day	22437
Bleaching	3880
Lime Powder	1456
Sanitary Goods	4322
Bi-lary	6958
Kingfog	1820
Borough I Drain Cleaning & Garbage cleaning expenditure for one day	17668
Expenditure for Agency supplied Garbage lifting vehicle (Borough-II, VIII, IX, X)	20384
fogging spray for oneday	763
54 nos. workers engaged in daily spraying work.	12528
Total Rs	95656

Total Expenditure for one day in Sanitary Dept. 696038

	10	232
	5	250
	2	250
	1200	232
	131	232
	2	232
	14	232
	7	232
	70	250
	10	232

TOTAL STRENGTH OF SANITARY DEPARTMENT, A.M.C AS ON 17/01/2019

SANITARY ASSISTANT PERMANENT	SANITARY ASSISTANT CASUAL	SUPERVISOR PERMANENT C.S & C.M	OFFICE WORKER DAILY RATED	SUPERVISOR CASUAL DAILY RATED	LABOUR PERMANENT	LABOUR SUBSTITUTE DAILY RATED	VEHICLE SUPERVISOR	PERMANENT DRIVER	DRIVER CASUAL FIXED PAY & DAILY RATED	GARBAGE LABOUR PERMANENT	GARBAGE LABOUR DAILY RATED	SLUDGE LABOUR DAILY RATED	DUMPING GROUND SUPERVISOR DAILY RATED	SPRAY WORKER DAILY RATED	SECURITY DAILY RATED/PARMANENT	NIGHT CLEANING SUPERVISOR DAILY RATED	NIGHT CLEANING LABOUR DAILY RATED	DOOR TO DOOR GARBAGE CLEANER (PARTLY)	TOTAL
1		1		8		110			9		50								180
	2	6	2	15	57	244		2	8	4	54		2		7	1	6		411
	1			10	31	251	1		16		65	40							416
		1	4	15	25	196	1		13		63	21	2			1	8		351
	1	1	2	20	17	187			14		57	25							326
			1	20	2	119	2		7		29	35	1	2	7				226
		4	1	1	24	187	6	1	12		44	25							306
		3		10	21	145		1	3		30								214
	1	2	2	15	10	138			15		45								229
1		6		8	18	126			10		18				1				189
1	5	24	12	122	205	1703	10	4	107	4	455	146	5	2	15	2	14	0	2848

Form - IV

[see rules 15(za), 24(2)]

Format for annual report on solid waste management to be submitted by the local body

CALENDAR YEAR:	DATE OF SUBMISSION OF REPORT:	
2018-19	08.04.2019	

1	Name of the City/Town and State	Uttarpara_Kotrung Municipality, West-Bengal
2	Population	1,62,386 Nos (as on 2011 census) (178,289 projected 2018)
3	Area in sq. kilometers	12.58 sq km
4	Name & Address of local body Telephone No. Fax No. E-mail:	Uttarpara_Kotrung Municipality G.T.Road, Uttarpara, Hooghly, West Bengal, Pin 712258 2663 3863 / 7298 uttarparakotrungmunicipality@gmail.com
5	Name of officer in-charge dealing with solid waste management (SOLID WASTE M) Phone No: Fax No:	Rathindra Nath Bhattacharya, Sanitary Inspector 2663 4095/7298 (Mob 9433390832) 2663 3863/ 7298
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	45,715 nos. 3,180 nos. 24 nos
7	Quantity of Solid waste (solid waste)	
	Estimated Quantity of solid waste generated in the local body area per day in metric tones	90.66 tpd
	Quantity of solid waste collected per day	89.81 tpd
	Per capita waste collected per day	425 gm/day
	Quantity of solid waste processed	37 tpd
	Quantity of solid waste disposed at dumpsite/ landfill	52.81 tpd

8	Status of Solid Waste Management service					
	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/ institutional bins, If yes, Percentage of households practice storage of waste at source in domestic bins		Yes			
	Percentage of non-residential premises practice storage of waste at source in commercial /institutional bins		92%			
	Percentage of households dispose or throw solid waste on the streets		84%			
	Percentage of non-residential premises dispose of throw solid waste on the streets		08%			
	Percentage of non-residential premises dispose of throw solid waste on the streets		16%			
	Door to Door Collection of solid waste					
	Whether door to door collection (D2D) of solid waste is being done in the city/town		Yes			
	if yes					
	Number of wards covered in D2D collection of waste	All 24 nos. wards within the municipal periphery.				
	No. of households covered	42058 nos.				
	No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/ offices etc covered	2671 nos.				
	Percentage of residential and non-residential premises covered in door to door collection through :					
	Motorized vehicle		60%			
	Containerized tricycle/handcart		40%			
	Other device		00%			
	If not, method of primary collection adopted		N.A.			
	Sweeping of streets		Yes			
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned	198.62 km				
	Frequency of street sweepings and percentage of population covered	frequency	Daily	Alternate days	Twice a week	Occasionally
		89% of population covered	daily	--	--	--

Tools used		
Manual sweeping		100%
Mechanical sweeping		00%
Whether long handle broom used by sanitation workers		Yes
Whether each sanitation worker is given handcart/tricycle for collection of waste		Yes
Whether handcart / tricycle is containerized		Yes
Whether the collection tool synchronizes with collection/ waste storage containers utilized		Yes
Secondary Waste Storage facilities		
No. and type of waste storage depots in the city/town	No. 60	Capacity - 2.21 in m ³
Open waste storage sites		N.A.
Masonry bins		N.A.
Cement concrete cylinder bins		N.A.
Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m ³ bins 2 to 5 m ³ bins Above 5m ³ containers Bin-less city		N.A.
	Yes, movable iron fabricated covered refuse trailers having capacity 2.21 m ³ are being used for secondary collection of solid waste in segregated manner.	
Bin/ population ratio		
Ward wise details of waste storage depots (attach) :		
Ward No:		
Area:		
Population:		
No. of bins placed		
Total volume of bins placed		
Total storage capacity of waste storage facilities in cubic meters		132.60 m ³
Total waste actually stored at the waste storage depots daily		105.53 m ³ (89.81 MT)
Give frequency of collection of waste from the depots	Frequency	No. of bins
Number of bins cleared		
	Daily	60 nos.
	Alternate day	x
	Twice a week	x

	Once a week	x
	Occasionally	x
Whether storage depots have facility for storage of segregated waste in green, blue and black bins	Yes (if yes, add details) Mobile secondary waste collection containers have two nos. colour coated compartment (Blue & green) for Synchronizing primary collection with the secondary collection vehicles in segregated manner. No. of green bins: 43075 nos. No. of blue bins: 43065 nos. No. of black bins: x	
Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage	mechanical	
(%) of Manual Lifting of solid waste	00%	
(%) of Mechanical lifting	100%	
If mechanical - specify the method used	Top loaders (Back hoe loader)	
Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	Yes (if yes, specify) – Door to door primary collection of solid waste being made in segregated means by using containerized vehicles which synchronized with secondary collection mobile vehicles (60 nos.) that transit into processing unit regularly.	
Waste transportation per day Type and Number of vehicles used	No. 04 nos.	Trips made 08 nos. waste transported waste transported daily at RWMC for sanitary land filling.
Animal cart		X
Tractors		X
Non tipping Truck		X
Tipping Truck		02 nos.
Dumper Placers		X
Refuse collectors		X
Compactors		02 nos.
Others.		X
JCB/loader		03 nos.
Frequency of transportation of waste	Frequency Daily	(%) of waste transported 100%
	Alternate day	x
	Twice a week	x
	Once a week	x
	Occasionally	x
Quantity of waste transported each day	52.81 tpd	

Percentage of total waste transported daily	100%
Waste Treatment Technologies used	Yes
Whether solid waste is processed	Yes
If yes, Quantity of waste processed daily	37 tpd
Whether treatment is done by local body or through an agency	Local Body
Land(s) available with the local body for waste processing (in Hectares)	1.33 hector
Land currently utilized for waste processing	yes
Solid waste processing facilities in operation	yes
Solid waste processing facilities under construction	N.A.
Distance of processing facilities from city/town boundary	Processing unit set up under ward no 20 of the municipality.
Details of technologies adopted	WINDROW system of composting.
Composting ,	Qty. raw material processed 22.79 M.T./day Qty. final product produced 2.5 M.T./day Qty. sold 1.5 M.T./day Quantity of residual waste landfilled 1.00 M.T./day
Vermi composting	Qty. raw material processed x Qty. final product produced x Qty. sold x Quantity of residual waste landfilled x
Bio-methanation	Qty. raw material processed x Qty. final product produced x Qty. sold x Quantity of residual waste landfilled x
Refuse Derived Fuel	Qty. raw material processed x Qty. final product produced x Qty. sold x Quantity of residual waste landfilled x
Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed x Qty. final product produced x Qty. sold Quantity of residual waste landfilled x
Co-processing	Qty. raw material processed x

Combustible waste supplied to cement plant		X
Combustible waste supplied to solid waste based power plants		X
Others	Qty.	X
Solid waste disposal facilities		available
No. of dumpsites sites available with the local body	One transfer station has been set up at the processing unit of solid waste at Makhla under ward no 20 where entire non biodegradable solid waste being dumped for final disposal.	
No. of sanitary landfill sites available with the local body	Entire non-biodegradable solid waste being disposed off at the common land fill site set up at Baidyabati under KSWMIP.	
Area of each such sites available for waste disposal		52 acres
Area of land currently used for waste disposal		Nearly 20 acres
Distance of dumpsite/landfill facility from city/town		4 kms.
Distance from the nearest habitation		04 kms
Distance from water body		02 kms
Distance from state/national highway		02 kms
Distance from Airport		40 kms
Distance from important religious places or historical monument		28 kms
Whether it falls in flood prone area		No
Whether it falls in earthquake fault line area		No
Quantity of waste land filled each day		52.81 tpd
Whether landfill site is fenced		Yes
Whether Lighting facility is available on site		Yes
Whether Weigh bridge facility available		Yes
Vehicles and equipments used at landfill (specify)	Bulldozer, Compacters and Backhoe Loader etc. available	
Manpower deployed at landfill site	Yes. Entire unit is under the control of KMDA who is entrusted to be the executive agency of KSWMIP JICA funded.	
Whether covering is done on daily basis		Yes
If not, Frequency of covering the waste deposited at the landfill		N.A.
Cover material used		soil
Whether adequate covering material is available		Yes

	Provisions for gas venting provided	Yes. Technical DATA sheet available at KMDA ,the executive agency of KSWMIP. JICA funded. (if yes, attach technical data sheet)
	Provision for leachate collection	Yes. Technical DATA sheet available at KMDA ,the executive agency of KSWMIP, JICA funded. (if yes, attach technical data sheet)
9	Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes. KMDA has taken initiative to prepare action plan in concept of zero waste management. (if Yes attach Action Plan details)
10	What separate provisions are made for : Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details on Proposals,Steps taken, No No No
11	Details of Post Closure Plan	Yet to be taken
12	How many slums are identified and whether these are provided with Solid Waste Management facilities	56 nos. slums were identified and included in the daily duty roster For providing solid waste management facilities.
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	Agencies have been engaged for providing required nos. of Man Power for managing the services being rendered into solid waste management, drains and sweepings cleaning and other respective jobs relating to public health and sanitation.
14	Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	1. Jai Mata Di Enterprises, Konnagar, Hooghly 2. Balaji Enterprises, Dankuni, Hooghly 3. Sai Kripa Enterprise, Liluah, Howrah 4. Ram Das, Bhadrakali, Hooghly.
15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	Local body suffers badly due to crunches of fund to comply with properly the provisions of SWM, Rules, 2016.
16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	Social Mobilizes have been introduced for gearing up awareness programme amongst the citizens of the ULB with an aim to make collection and disposal of solid waste in segregated means.

Date: 08.04.2019

Place: Uttarpara


 Signature of CEO/Municipal Commissioner /
Executive Officer
 Uttarpara Kotundi Chief Officer
 Municipality

Annexure – 1

Ward wise details of waste storage depots

Ward No	Population (person)	BPL population	Slum population	Area of Ward	No of Bin Placed (mobile secondary receptacle)	Total volume of bins placed
1	4470	829	1075	0.518 sq Km.	3	6.63 m3
2	7533	986	3707	0.272 sq Km.	2	4.42 m3
3	5473	569	1810	0.340 sq Km.	3	6.63 m3
4	7350	443	230	0.396 sq Km.	1	2.21 m3
5	5003	639	216	0.343 sq Km.	4	8.84 m3
6	4368	521	1397	0.263 sq Km.	1	2.21 m3
7	14247	466	602	0.500 sq Km.	3	6.63 m3
8	3336	304	362	0.253 sq Km.	2	4.42 m3
9	6107	359	1481	0.401 sq Km.	2	4.42 m3
10	33104	1129	862	0.407 sq Km.	5	11.04 m3
11	2329	125	48	0.251 sq Km.	2	4.42 m3
12	4154	327	—	0.192 sq Km.	4	8.84 m3
13	4445	119	—	0.248 sq Km.	2	4.42 m3
14	2439	215	—	0.214 sq Km.	1	2.21 m3
15	5240	212	—	0.317 sq Km.	2	4.42 m3
16	4251	284	146	0.215 sq Km.	2	4.42 m3
17	4265	441	342	0.271 sq Km.	4	8.84 m3
18	3623	511	123	0.222 sq Km.	2	4.42 m3
19	4709	349	831	0.310 sq Km.	3	6.63 m3
20	10307	894	2658	0.727 sq Km.	3	6.63 m3
21	9014	1702	5995	1.806 sq Km.	1	2.21 m3
22	6907	754	3131	0.851 sq Km.	3	6.63 m3
23	8111	1241	3455	0.391 sq Km.	4	8.84 m3
24	1601	16	223	2.872 sq Km.	1	2.21 m3
TOTAL	162386	13435	28724	12.58 sq Km.	60	132.6 m3

(Handwritten signature)
5/1/19

CALENDAR YEAR

DATE OF SUBMISSION OF REPORT:

2018-2019

1	Name of the City/Town and State	Haldia/W.B.
2	Population	200827 (Census 2011)
3	Area in sq. kilometers	109.65 Sq. Km
4	Name & Address of local body Telephone No Fax No E-mail:	Haldia Municipality City Center, Debbhog, Haldia, Puzba Medinipur
5	Name of officer in-charge dealing with solid waste management (SOLID WASTE M) Phone No: Fax No: E-mail:	Sandip Kr. Bhosmik 8768918998 hald_muni@yahoo.com
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	44000 5,200 29
7	Quantity of Solid waste (solid waste)	80 MT
	Estimated Quantity of solid waste generated in the local body area per day in metric tonnes	80 /pd
	Quantity of solid waste collected per day	55 /pd
	Per capita waste collected per day	350 /gn/day
	Quantity of solid waste processed	55 /pd
	Quantity of solid waste disposed at dumpsite/ landfill	15 /pd
8	Status of Solid Waste Management service	
	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/ institutional bins, If yes, Percentage of households practice storage of waste at source in domestic bins	Yes/No 80 %
	Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins	70 %
	Percentage of households dispose or throw solid waste on the streets	20 %
	Percentage of non-residential premises dispose of throw solid waste on the streets	30 %
	Whether solid waste is stored at source in a segregated form, If yes, Percentage of premises segregating the waste at source	Yes/No %
	Door to Door Collection of solid waste	
	Whether door to door collection (D2D) of solid waste is being done in the city/town	Yes/No

No. of residential premises covered		25			
No. of non-residential premises including shops, restaurants, hotels, restaurants, educational institutions/offices etc. covered		28,000			
Percentage of residential and non-residential premises covered in door-to-door collection through		1,500			
Motorized vehicle		60 %			
Containerized tricycle/handcart		30 %			
Other device		10 %			
If not, method of primary collection adopted		N.A.			
Sweeping of streets		Yes.			
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned		km			
Frequency of street sweepings and percentage of population covered	Frequency	Daily	Alternate days	Twice a week	Occasionally
	% of population covered	✓			
Tools used	100 %				
Manual sweeping	% N.A.				
Mechanical sweeping	✓ Yes/No				
Whether long handle broom used by sanitation workers	✓ Yes/No				
Whether each sanitation worker is given handcart/tricycle for collection of waste	✓ Yes/No				
Whether handcart / tricycle is containerized	✓ Yes/No				
Whether the collection tool synchronizes with collection/ waste storage containers utilized					
Secondary Waste Storage facilities					
No. and type of waste storage depots in the city/town	No.	Capacity in m ³			
Open waste storage sites		NIL			
Masonry bins		NIL			
Cement concrete cylinder bins		NIL			
Dhalao/covered rooms/space		NIL			
Covered metal/plastic containers Upto 1.1 m ³	40 NOS	40 x 1.1 = 44			
bins 2 to 5 m ³	42 NOS	42 x 3.5 = 147			
bins Above 5m ³					
containers Bin-less city		Total - 191			
Bin/ population ratio					

<p>Number of bins placed</p> <p>Total volume of bins placed</p>	<p>11.7</p>												
<p>Total storage capacity of waste storage facilities in cubic meters</p>	<p>11.7</p>												
<p>Total waste actually stored at the waste storage depots daily</p>	<p>N.A.</p>												
<p>Give frequency of collection of waste from the depots</p> <p>Number of bins cleared</p>	<table border="1"> <thead> <tr> <th>Frequency</th> <th>No. of bins</th> </tr> </thead> <tbody> <tr> <td>Daily</td> <td></td> </tr> <tr> <td>Alternate day</td> <td></td> </tr> <tr> <td>Twice a week</td> <td></td> </tr> <tr> <td>Once a week</td> <td></td> </tr> <tr> <td>Occasionally</td> <td></td> </tr> </tbody> </table>	Frequency	No. of bins	Daily		Alternate day		Twice a week		Once a week		Occasionally	
Frequency	No. of bins												
Daily													
Alternate day													
Twice a week													
Once a week													
Occasionally													
<p>N.A.</p>													
<p>Whether storage depots have facility for storage of segregated waste in green, blue and black bins</p>	<p>Yes/ No</p> <p>(if yes, add details)</p> <p>No. of green bins:</p> <p>No. of blue bins:</p> <p>No. of black bins:</p>												
<p>N.A.</p>													
<p>Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage</p> <p>(%) of Manual Lifting of solid waste</p> <p>(%) of Mechanical lifting</p>	<p>N.A. %</p> <p>%</p>												
<p>If mechanical - specify the method used</p>	<p>front-end loaders/ Top loaders</p> <p>N.A.</p>												
<p>Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form</p>	<p>Yes/ No</p> <p>(if yes, specify)</p> <p>N.A.</p>												
<p>Waste transportation per day</p> <p>Type and Number of vehicles used</p>	<p>No. Trips made waste transported</p> <p>N.A.</p>												

Frequency of transportation of waste	02. 02. 02.
Quantity of waste transported each day	55 tpd
Percentage of total waste transported daily	70 %
Waste Treatment Technologies used	Aerobic Composting
Whether solid waste is processed	Yes/No
If yes, Quantity of waste processed daily	55 tpd
Whether treatment is done by local body or through an agency	Agency - West Bengal Waste Management Ltd. (WBWL)
Land(s) available with the local body for waste processing (in Hectares)	13.356 hectares
Land currently utilized for waste processing	08 hectares
Solid waste processing facilities in operation	08 hectares
Solid waste processing facilities under construction	NIL
Distance of processing facilities from city/town boundary	6 K.M.
Details of technologies adopted	Composting
Composting ,	Qty. raw material processed 55 tpd. Qty. final product produced 7 tpd. Qty. sold 7 tpd. Quantity of residual waste landfilled 15 tpd.
Vermi composting	Qty. raw material processed Qty. final product produced N.A. Qty. sold Quantity of residual waste landfilled

Re-use Derived Fuel

Qty. raw material processed
 Qty. final product produced
 Qty. sold
 Quantity of residual waste landfilled
 N.A.

Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)

Qty. raw material processed
 Qty. final product produced
 Qty. sold
 Quantity of residual waste landfilled
 N.A.

Co-processing

Qty. raw material processed
 N.A.

Combustible waste supplied to cement plant

N.A

Combustible waste supplied to solid waste based power plants

N.A

Others

Qty. —

Solid waste disposal facilities

Landfilling

No. of dumpsites sites available with the local body

—

No. of sanitary landfill sites available with the local body

1 (one), 12000 sq.m

Area of each such sites available for waste disposal

12000 sq.m

Area of land currently used for waste disposal

3600 sq.m

Distance of dumpsite/landfill facility from city/town

6 kms

Distance from the nearest habitation

6 kms

Distance from water body

15 kms

Distance from state/national highway

13 kms

Distance from Airport

130 kms

Distance from important religious places or historical monument

53 kms

Whether it falls in flood prone area

Yes/No

Whether it falls in earthquake fault line area

Yes/No

Quantity of waste landfilled each day

3 tpd

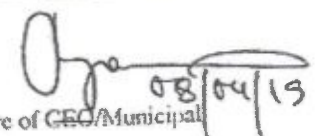
Whether landfill site is fenced

Yes/No

Whether Lighting facility is available on site

Yes/No

Whether cover material is done on daily basis	✓
If not, Frequency of covering the waste deposited at the landfill	N.A.
cover material used	Cover Windrow
Whether adequate covering material is available	Yes/No N.A.
Provisions for gas venting provided	✓ Yes/No (if yes, attach technical data sheet)
Provision for leachate collection	✓ Yes/No (if yes, attach technical data sheet)
Whether an Action Plan has been prepared for improving solid waste management practices in the city	✓ Yes/No (if Yes attach Action Plan details)
What separate provisions are made for :	Attach details on Proposals, Steps taken,
Dairy related activities :	Yes/No
Slaughter houses waste :	Yes/No
C&D waste (construction debris) :	Yes/No
Details of Post Closure Plan	Attach Plan
How many slums are identified and whether these are provided with Solid Waste Management facilities :	Yes/ No (if Yes, attach details) N.A.
Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	235
Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	102
Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	Segregation of Waste at Source Segregation of demolition Waste.
Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	—


 Signature of CEO/Municipal 08/04/19

Executive Officer/Chief Officer
 Executive Officer
 Haldia Municipality
 Purba Medinipur

to: Commissioner /
 acc:

Form - IV

[see rules 15(za), 24(2)]

Format for annual report on solid waste management to be submitted by the local body

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2017 2018

CALENDAR YEAR:	DATE OF SUBMISSION OF REPORT:
2018 - 2019	01 - 04 - 2019

1	Name of the City/Town and State	Kalyani West Bengal
2	Population	1,00,890 (2011)
3	Area in sq. kilometers	29.14 sq km
4	Name & Address of local body Telephone No. Fax No. E-mail:	Kalyani Municipality City Centre Complex Kalyani, Nadia
5	Name of officer in-charge dealing with solid waste management (SOLID WASTE M) Phone No: Fax No: E-mail:	MOLOY ROY (SD) 9433679009 info@kalyanimunicipality.org
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	25,207 nos. 365 nos. 21 nos.
7	Quantity of Solid waste (solid waste)	56 MT
	Estimated Quantity of solid waste generated in the local body area per day in metric tonnes	56 /tpd
	Quantity of solid waste collected per day	50-52tpd
	Per capita waste collected per day	450 /gm/day
	Quantity of solid waste processed	2-5 /tpd
	Quantity of solid waste disposed at dumpsite/ landfill	54 /tpd
8	Status of Solid Waste Management service	
	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/ institutional bins, If yes, Percentage of households practice storage of waste at source in domestic bins Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins Percentage of households dispose or throw solid waste on the streets Percentage of non-residential premises dispose of throw solid waste on the streets Whether solid waste is stored at source in a segregated form. If yes. Percentage of premises segregating the waste at source	Yes/No 90 % 20 % 1 % 5 % Yes/No 10 %
	Door to Door Collection of solid waste	✓
	Whether door to door collection (D2D) of solid waste is being done in the city/town	Yes/No

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2018-2019
Municipality

if yes						
Number of wards covered in D2D collection of waste		20 (out of 21) wards				
No. of households covered		24,000 (approx.)				
No. of non-residential premises including commercial establishments, hotels, restaurants educational institutions/ offices etc covered		2,000 (approx.)				
Percentage of residential and non-residential premises covered in door to door collection through :						
Motorized vehicle		1 %				
Containerized tricycle/handcart		33 %				
Other device		%				
If not, method of primary collection adopted		NA				
Sweeping of streets		Yes				
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned		180 km				
Frequency of street sweepings and percentage of population covered	frequency	Daily	Alternate days	Twice a week	Occasionally	
	% of population covered	75%	20%	3%	2%	
Tools used						
Manual sweeping	100 %					
Mechanical sweeping	NA					
Whether long handle broom used by sanitation workers		Yes/No				
Whether each sanitation worker is given handcart/tricycle for collection of waste		Yes/No				
Whether handcart / tricycle is containerized		Yes/No				
Whether the collection tool synchronizes with collection/ waste storage containers utilized		Yes/No				
Secondary Waste Storage facilities						
No. and type of waste storage depots in the city/town	No.	Capacity in m ³				
Open waste storage sites	5	-				
Masonry bins	3	-				
Cement concrete cylinder bins						
Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m ³ bins 2 to 5 m ³ bins Above 5m ³ containers Bin-less city						
Bin/ population ratio						

Ward wise details of waste storage depots (attach)	
Ward No.	21, 15, 16, 13
Area	29 sq km
Population	1,00,000
No. of bins placed	Compactor & Trailer
Total volume of bins placed	8MT, 2MT, 2MT
	One Common Site
	11, 12, 19, 8 - One Common Site
	7, 6, 10, 11, 5 - one Common Site
	1, 2, 3, 4 - one Common Site
	20 - one site
Total storage capacity of waste storage facilities in cubic meters	
Total waste actually stored at the waste storage depots daily	20MT
Give frequency of collection of waste from the depots	Frequency
Number of bins cleared	No. of bins Compactor & Trailer
	Daily
	80%
	Alternate day
	10%
	Twice a week
	5%
	Once a week
	4%
	Occasionally
	1%
Whether storage depots have facility for storage of segregated waste in green, blue and black bins	Yes/ No
<i>Pilot project of bins and bio-degradable bags used for collecting in 2 wards.</i>	(if yes, add details)
	No. of green bins:
	No. of blue bins:
	No. of black bins:
Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage	
(%) of Manual Lifting of solid waste	15 %
(%) of Mechanical lifting	85 %
If mechanical - specify the method used	front-end loaders/ Top loaders ✓ Compactor, Mini-Dumper, Dumper Trailer
Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	Yes/ No
	(if yes, specify)
	2 nos of ward (ward no - 10, & 21) waste are collected segregatedly and send to compost site
Waste transportation per day	No. Trips made waste transported
Type and Number of vehicles used	

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Bio-methanation	NA	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Refuse Derived Fuel	NA	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	NA	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
Co-processing	NA	Qty. raw material processed
Combustible waste supplied to cement plant	NA	
Combustible waste supplied to solid waste based power plants	NA	
Others		Qty. -
Solid waste disposal facilities		
No. of dumpsites sites available with the local body	01	
No. of sanitary landfill sites available with the local body	nil	
Area of each such sites available for waste disposal	3 acres	
Area of land currently used for waste disposal	Ward NO-17 near Udy - Baha - Express way	
Distance of dumpsite/landfill facility from city/town	2.5	kms
Distance from the nearest habitation	4	kms
Distance from water body	nil	kms
Distance from state/national highway	0.5	kms
Distance from Airport	50	kms
Distance from important religious places or historical monument	NA	kms
Whether it falls in flood prone area		Yes/No
Whether it falls in earthquake fault line area		Yes/No
Quantity of waste landfilled each day	50-52	mt
Whether landfill site is fenced		Yes/No
Whether Lighting facility is available on site		Yes/No

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	Whether Weigh bridge facility available	Yes/No
	Vehicles and equipments used at landfill (specify)	Bulldozer, Compactors etc available
	Manpower deployed at landfill site	Yes/No (If yes, attach details)
	Whether covering is done on daily basis	Yes/No
	If not, Frequency of covering the waste deposited at the landfill	
	Cover material used	Plastic covered NA
	Whether adequate covering material is available	Yes/No
	Provisions for gas venting provided	Yes/No (If yes, attach technical data sheet)
	Provision for leachate collection	Yes/No (If yes, attach technical data sheet)
9	Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes/No (If Yes attach Action Plan details)
10	What separate provisions are made for : Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details on Proposals, Steps taken, Yes/No Yes/No Yes/No
11	Details of Post Closure Plan	Attach Plan NA
12	How many zones are identified and whether these are provided with Solid Waste Management facilities :	Yes/No (if Yes, attach details) 45 (approx)
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	Total nos of staff engaged in all the above works = 110 nos
14	Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	NA
15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	
16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	

Date: 01-04-2019
Commissioner /



Signature of CEO/Municipal Executive Officer
Kalyani Municipality

Form - IV

[see rules 15(za), 24(2)]

Format: for annual report on solid waste management to be submitted by the local body:- RISHRA MUNICIPALITY

CALENDAR YEAR:	DATE OF SUBMISSION OF REPORT:
2018-2019	08/04/2019

1	Name of the City/Town and State	RISHRA
2	Population	124585 (as per census 2011)
3	Area in sq. kilometers	6.763 sq. km
4	Name & Address of local body Telephone No. Fax No. E-mail:	49/56/57 Rabindra saranai Rishra Hooghly, pin-712248 Tel-2672 1373 Fax no-033 2672 0306 Email- rishramunicipality@yahoo.com
5	Name of officer in-charge dealing with solid waste management (SOLID WASTE M) Phone No: Fax No: E-mail:	PULIN DAS SANITARY INSPECTOR 9674506150 Si.rishramunicipality@gmail.com
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	29461 Ward-23
7	Quantity of Solid waste (solid waste)	
	Estimated Quantity of solid waste generated in the local body area per day in metric tones	50/tpd
	Quantity of solid waste collected per day	45/tpd
	Per capita waste collected per day	250/gm/day
	Quantity of solid waste processed	1.5/tpd
	Quantity of solid waste disposed at dumpsite/ landfill	35/tpd
8	Status of Solid Waste Management service	

Segregation and storage of waste at source						
Whether Solid Waste is stored at source in domestic commercial institutional bins. If yes.						
Percentage of households practice storage of waste at source in domestic bins						
60%						
Percentage of non-residential premises practice storage of waste at source in commercial/institutional bins						
5%						
Percentage of households dispose or throw solid waste on the streets						
10%						
Percentage of non-residential premises dispose of throw solid waste on the streets						
10%						
Whether solid waste is stored at source in a segregated form. If yes.						
Yes						
Percentage of premises segregating the waste at source						
15%						
Door to Door Collection of solid waste						
Whether door to door collection (D2D) of solid waste is being done in the city/town						
Yes						
if yes						
Number of wards covered in D2D collection of waste						
6						
No. of households covered						
8251						
No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/ offices etc covered						
300						
Percentage of residential and non-residential premises covered in door to door collection through :						
Motorized vehicle						
5%						
Containerized tricycle/handcart						
50%						
Other device						
5%						
If not, method of primary collection adopted						
Sweeping of streets						
DAILY						
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned						
133.1km						
Frequency of street sweepings and percentage of population covered		frequency	Daily	Alternate days	Twice a week	Occasionally
		% of population covered	60%	15%	20%	5%

Manual sweeping	100%	
Mechanical sweeping	0%	
Whether long handle broom used by sanitation workers	Yes	
Whether each sanitation worker is given handcart/tricycle for collection of waste	Yes	
Whether handcart / tricycle is containerized	Yes	
Whether the collection tool synchronizes with collection/ waste storage containers utilized	Yes	
Secondary Waste Storage facilities	YES	
No. and type of waste storage depots in the city/town	No. 20 Capacity in 1 mt.	
Open waste storage sites	5	
Masonry bins	5	
Cement concrete cylinder bins	nil	
Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m3	nil	
bins 2 to 5 m3 bins Above 5m3	nil	
containers Bin-less city	nil	
Bin/ population ratio	2 nos bin in each family	
Ward wise details of waste storage depots (attach)		
: Ward No:	23	
Area:	6.763 sq. km.	
Population:	124585 (as per census 2011)	
No. of bins placed	27500	
Total volume of bins placed		
Total storage capacity of waste storage facilities in cubic meters		
Total waste actually stored at the waste storage depots daily		
Give frequency of collection of waste from the depots	Frequency	No. of bins
Number of bins cleared		
	Daily	12
	Alternate day	8
	Twice a week	nil

	Occasionally	nil
Whether storage depots have facility for storage of segregated waste in green, blue and black bins	Yes (If yes, add details) No. of green bins: 20 No. of blue bins: 20 No. of black bins: nil	
Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage (%) of Manual Lifting of solid waste (%) of Mechanical lifting	100% nil%	
If mechanical - specify the method used	front-end loaders/ Top loaders	
Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	Yes. Waste is collected from door to door and transported to treatment plant directly by T.T container(double compartment)	
Waste transportation per day Type and Number of vehicles used	No.	Trips made waste transported
Animal cart	Nil	Nil Nil
Tractors	8	2 2 M.T
Non tipping Truck	Nil	Nil Nil
Tipping Truck	2	2 3 M.T
Dumper Placers	2	2 10 M.T
Refuse collectors	84	3 100 K.G
Compactors	2	1 1 M.T
Others .	2	2 1 M.T
JCB/loader		
Frequency of transportation of waste	Frequency	(%) of waste transported
	Daily	60%
	Alternate day	20%
	Twice a week	10%
	Once a week	5%
	Occasionally	5%
Quantity of waste transported each day	50/tpd	
Percentage of total waste transported daily	90%	
Waste Treatment Technologies used		
Whether solid waste is processed	Yes	

Quantity of waste	By U.L.B
Whether treatment is done by local body or through an agency	By U.L.B
Land(s) available with the local body for waste processing (in Hectares)	yes
Land currently utilized for waste processing	yes
Solid waste processing facilities in operation	yes
Solid waste processing facilities under construction	no
Distance of processing facilities from city/town boundary	Within the city
Details of technologies adopted	
Composting ,	Qty. raw material processed 1.5/2 MT daily Qty. final product produced <i>total</i> # 65 MT. Qty. sold <i>total</i> # 48 MT. Quantity of residual waste landfilled: # 40 MT/day <i>ms</i>
Vermi composting	Qty. raw material processed nil Qty. final product produced nil Qty. sold nil Quantity of residual waste landfilled nil
Bio-methanation	Qty. raw material processed nil Qty. final product produced nil Qty. sold nil Quantity of residual waste landfilled nil
Refuse Derived Fuel	Qty. raw material processed nil Qty. final product produced nil Qty. sold nil Quantity of residual waste landfilled nil
Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed nil Qty. final product produced nil Qty. sold Quantity of residual waste landfilled nil
Co-processing	Qty. raw material processed nil
Combustible waste supplied to cement plant	no
Combustible waste supplied to solid waste based power plants	No
Others	

SOLID WASTE DISPOSAL DETAILS


Facility for Solid Waste Disposal (Sanitary Landfill) Details

No. of dumpsites sites available with the local body	no
No. of sanitary landfill sites available with the local body	No. A common sanitary land fill side is available under JICA project with 5 neighboring municipalities.
Area of each such sites available for waste disposal	
Area of land currently used for waste disposal	
Distance of dumpsite/landfill facility from city/town	10kms
Distance from the nearest habitation	1kms
Distance from water body	200feet
Distance from state/national highway	300 mtr
Distance from Airport	50kms
Distance from important religious places or historical monument	2kms
Whether it falls in flood prone area	No
Whether it falls in earthquake fault line area	No
Quantity of waste landfilled each day	35 M.T
Whether landfill site is fenced	Yes
Whether Lighting facility is available on site	Yes
Whether Weigh bridge facility available	Yes
Vehicles and equipments used at landfill (specify)	Bulldozer, Compacters etc. available yes
Manpower deployed at landfill site	No
Whether covering is done on daily basis	No
If not, Frequency of covering the waste deposited at the landfill	As per guideline of JICA covering of waste will be made
Cover material used	Available With KMDA
Whether adequate covering material is available	do
Provisions for gas venting provided	do
Provision for leachate collection	do

9	Whether you Agree that the local body is improving solid waste management practices in the city	
10	What separate provisions are made for: Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details in Proposal. Steps taken. Yes / No No No
11	Details of Post Closure Plan	Available with KMDA
12	How many slums are identified and whether these are provided with Solid Waste Management facilities :	Yes. All the slums are provided with SWM facilities.
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	yes
14	Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	Nil
15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	Public in general be aware to a great extent with the request to segregate the house hold wastes at its source to enable us to proper dumping of both the organic and inorganic wastes. It has also been experienced that the public in general inspite of disposing off the wastes properly they are accustomed to throw therein house hold garbage's here and there creating the area polluted and unhygienic.
16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	steps have been taken up to introduced one re-cycling machine for proper utilization of plastic wastes, accumulates to a great extent for employment generation and to augment ion of fund as well.the local industry - m/s joysee textiles ltd has assured their all sorts of co-operation for its proper implementation.

Date:
Place:




Chairman
Rishra Municipality
Chairman
Rishra Municipality

Form IV

[see rules 15(z), 24(2)]

Format for annual report on solid waste management to be submitted by the local body

CALENDAR YEAR:	DATE OF SUBMISSION OF REPORT:
2019	08.04.2019

1	Name of the City/Town and State	Baidyabati
2	Population	1,21,110 (2011)
3	Area in sq. kilometers	12.03 sq.km.
4	Name & Address of local body Telephone No. Fax No. E-mail:	Baidyabati Municipality Satyajit Roy Bhawan Sheoraphuli, Hooghly - 712223, 2632-6554 baidyabatimunicipality@ya
5	Name of officer in-charge dealing with solid waste management (SOLID WASTE M) Phone No: Fax No: E-mail:	Krishnendu Kundu 9474799666 Krishnendu050977 @gm ail.com
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	32,910 4243 23
7	Quantity of Solid waste (solid waste)	
	Estimated Quantity of solid waste generated in the local body area per day in metric tones	65 - 70/tpd
	Quantity of solid waste collected per day	55/tpd
	Per capita waste collected per day	150/gm/day
	Quantity of solid waste processed	15/tpd
	Quantity of solid waste disposed at dumpsite/ landfill	40/tpd
8	Status of Solid Waste Management service	
	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/ institutional bins, If yes, Percentage of households practice storage of waste at source in domestic bins Percentage of non-residential premises practice storage of waste at source in commercial /institutional bins Percentage of households dispose or throw solid waste on the streets Percentage of non-residential premises dispose of throw solid waste on the streets Whether solid waste is stored at source in a segregated form, If yes, Percentage of premises segregating the waste at source	Yes 95% 40% 5 % 30 % Yes 82 %

Door to door collection of solid waste						
Whether door to door collection (D2D) of solid waste is being done in the city/town		Yes				
Does						
Number of wards covered in D2D collection of waste		23				
No. of households covered		32,910				
No. of non-residential premises including commercial establishments, hotels, restaurants, educational institutions/ offices etc covered		Celebration houses - 32 Shops - 4243, Schools - 52, Health/Nursing home - 23, Restaurants - 1				
Percentage of residential and non-residential premises covered in door to door collection through :						
Motorized vehicle		60 % <input checked="" type="checkbox"/>				
Containerized tricycle/handcart		40 % <input checked="" type="checkbox"/>				
Other device		0 % <input type="checkbox"/>				
If not, method of primary collection adopted						
Sweeping of streets		Yes <input checked="" type="checkbox"/>				
Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned		km				
Frequency of street sweepings and percentage of population covered	frequency	Daily	Alternate days	Twice a week	Occasionally	
	60 % of population covered		<input checked="" type="checkbox"/>			
Tools used						
Manual sweeping	100 %					
Mechanical sweeping	%					
Whether long handle broom used by sanitation workers	Yes					
Whether each sanitation worker is given handcart/tricycle for collection of waste	Yes					
Whether handcart / tricycle is containerized	Yes					
Whether the collection tool synchronizes with collection/ waste storage containers utilized	Yes					
Secondary Waste Storage facilities	NA					

<p>Open waste storage sites</p> <p>Masonry bins</p> <p>Cement concrete cylinder bins</p> <p>Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m³ bins 2 to 5 m³ bins Above 5m³ containers Bin-less city</p>		
Bin/ population ratio		
<p>Ward wise details of waste storage depots (attach)</p> <p>: Ward No: 23</p> <p>Area: 12.03 SQ./KM.</p> <p>Population: 1,21,110</p> <p>No. of bins placed 48 Bins / 40 TT Containers</p> <p>Total volume of bins placed</p>		
Total storage capacity of waste storage facilities in cubic meters	Compost plant – (70 – 75 tpd) SLF – 40 + TPD	
Total waste actually stored at the waste storage depots daily		
<p>Give frequency of collection of waste from the depots</p> <p>Number of bins cleared</p>	Frequency	No. of bins
	Daily	48,000 Approx
	Alternate day	
	Twice a week	
	Once a week	
	Occasionally	
Whether storage depots have facility for storage of segregated waste in green, blue and black bins	<p>Yes</p> <p>(if yes, add details)</p> <p>No. of green bins: 30,000 + 100 ltr. Community bins</p> <p>No. of blue bins: 30,000 + 100 ltr. Community bins</p> <p>No. of black bins:</p>	
<p>Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage</p> <p>(%) of Manual Lifting of solid waste</p> <p>(%) of Mechanical lifting</p>	<p>95 %</p> <p>5 %</p>	

Whether solid waste is lifted from door to door and transported to treatment plant directly in a Segregated form	Yes The Degradable wastes are directly transported to Compost plant.
Waste transportation per day Type and Number of vehicles used	No. Trips made waste transported
<ul style="list-style-type: none"> Animal cart <input checked="" type="checkbox"/> Tractors Non tipping Truck Tipping Truck Dumper Placers Refuse collectors <input checked="" type="checkbox"/> Compactors Others . <input checked="" type="checkbox"/> JCB/loader <input checked="" type="checkbox"/> 	<p>12 No. 4 trips/Day</p> <p>2 No. 2 trips/Day</p> <p>1 No. trip (if necessary)</p>
Frequency of transportation of waste	Frequency 100 (%) of waste transported <input checked="" type="checkbox"/> Daily Alternate day Twice a week Once a week Occasionally
Quantity of waste transported each day	55 /tpd
Percentage of total waste transported daily	84 %
Waste Treatment Technologies used	Compost plant – composting through windrow operation.
Whether solid waste is processed	Yes
If yes, Quantity of waste processed daily	12 - 15/tpd
Whether treatment is done by local body or through an agency	Through an agency.
Land(s) available with the local body for waste processing (in Hectares)	Compost plant – 4.5 Acre RWMC – 52 Acre
Land currently utilized for waste processing	Yes
Solid waste processing facilities in operation	Compost plant with electro mechanical facility
Solid waste processing facilities under construction	NIL
Distance of processing facilities from city/town boundary	NIL

List of technological activities	
Composting	Qty. raw material processed - 15 TPD Qty. final product produced - 4 Qty. Sold - 10% OF THE PRODUCED Quantity of residual waste landfilled -- 51 TPD.(11 + 40)
Vermi composting	Qty. raw material processed Qty. final product produced N.A. Qty. sold Quantity of residual waste landfilled
Bio-methanation	Qty. raw material processed Qty. final product produced N.A. Qty. sold Quantity of residual waste landfilled
Refuse Derived Fuel	Qty. raw material processed Qty. final product produced N.A. Qty. sold Quantity of residual waste landfilled
Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed Qty. final product produced N.A. Qty. sold Quantity of residual waste landfilled
Co-processing	Qty. raw material processed NIL
Combustible waste supplied to cement plant	NIL
Combustible waste supplied to solid waste based power plants	NIL
Others	Qty. NIL
Solid waste disposal facilities	Regional waste management centre
No. of dumpsites sites available with the local body	Two (2)
No. of sanitary landfill sites available with the local body	One (1)
Area of each such sites available for waste disposal	4.5 Acre 52 Acre
Area of land currently used for waste disposal	As mentioned above
Distance of dumpsite/landfill facility from city/town	kms
Distance from the nearest habitation	kms
Distance from water body	kms

	Distance from Airport	35 km
	Distance from important religious places or historical monument	5 kms
	Whether it falls in flood prone area	Yes
	Whether it falls in earthquake fault line area	Yes
	Quantity of waste landfilled each day	40 tpd
	Whether landfill site is fenced	Yes
	Whether Lighting facility is available on site	Yes
	Whether Weigh bridge facility available	Yes
	Vehicles and equipments used at landfill (specify)	Bulldozer, Compactors available
	Manpower deployed at landfill site	Yes It maintained by a Pvt. Agency.
	Whether covering is done on daily basis	Yes
	If not, Frequency of covering the waste deposited at the landfill	
	Cover material used	Soil
	Whether adequate covering material is available	Yes NO
	Provisions for gas venting provided	Yes (if yes, attach technical data sheet)
	Provision for leachate collection	Yes (if yes, attach technical data sheet)
9	Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes (if Yes attach Action Plan details)
10	What separate provisions are made for : Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details on Proposals, Steps taken, Yes/No Yes/No As per policy. Yes/No
11	Details of Post Closure Plan	KMDA has started taking initiatives to construct an animal crematorium at RWMC site.
12	How many slums are identified and whether these are provided with Solid Waste Management facilities :	Yes (if Yes, attach details)
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	

	<p>Contractor, concessionaire's manpower deployed for collection, in-house street sweeping, secondary storage, transportation, processing and disposal of waste</p>	
15	<p>Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules</p>	<p>In adequate manpower & funds</p>
16	<p>Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies</p>	<p>5 adjacent municipalities are used to dump their solid wastes at our RWMC Project site & septic tank sludge</p>

Date:

Place:


Arindam Guin
 Signature of ~~Chief Executive Officer~~ Commissioner /
Wardhati Municipality
 Executive Officer/Chief Officer