



Mission Directorate

National Rural Health Mission, Orissa
Department of Health & Family Welfare,
Government of Odisha.

Letter No. OSH&FWS/ 12890

Date: 22/09/11

From 385/11
Dr. Pramod Meherda, IAS
Mission Director, NRHM, Odisha
& Ex-Officio, Addl. Secretary to Govt., H & FW Deptt.

To
All CDMOs,
Odisha

Sub: Regarding operational guidelines for Infection Management & Environment Plan (IMEP).

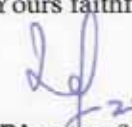
Sir/Madam,

Please find enclosed herewith operational guidelines on Infection Management & Environmental Plan (IMEP) which provides a comprehensive methodology to ensure that all stake holders recognize the importance of sanitary conditions, understand appropriate disinfection and sterilization techniques and take up prevention & control of nosocomial infections along with the basic understanding of infrastructural requirements for proper handling of Bio-Medical Waste. In PIP 2011-12 under the component IMEP, there is a budgetary sanction of Rs. 1 lakh per CHC to carry out the above mentioned activities. The detail operational guidelines also carry time-lines for execution of all such activities.

ADMOs (PH) are designated as the nodal persons at the district level & MO I/Cs are designated as the nodal person for the respective health institutions for execution and monitoring of the activity. The guidelines should be made available to all the nodal officers at the earliest.

As only 6 months are now left in the current financial year, you are requested to expedite the implementation work by personally monitoring the progress with the nodal officers.

Yours faithfully,


Mission Director & Ex-officio,
Addl. Secretary to Govt., H&FW Deptt.



Mission Directorate

National Rural Health Mission, Orissa
Department of Health & Family Welfare,
Government of Odisha.

Memo No....12891

Date: 22/09/11

Copy along with a copy of the guidelines submitted to the Commissioner-cum-Secretary, H&FW Deptt. for kind information.

22/09/2011

Mission Director & Ex-officio,
Addl. Secretary to Govt., H&FW Deptt.

Memo No....12892

Date: 22/09/11

Copy forwarded to all ADMO(PH), for information and necessary action.

22/09/2011

Mission Director & Ex-officio,
Addl. Secretary to Govt., H&FW Deptt.

Memo No....12893

Date: 22/09/11

Copy forwarded to all DPMs for information and necessary action. They are requested to provide the hard copy of the guideline to the nodal officers & all the CHCs of their district.

22/09/2011

Mission Director & Ex-officio,
Addl. Secretary to Govt., H&FW Deptt.

OPERATIONAL GUIDELINES FOR INFECTION MANAGEMENT AND ENVIRONMENT PLAN



ବର୍ଯ୍ୟବସ୍ଥୁ ଗୁଡ଼ିକୁ
 ଉପଯୁକ୍ତ ବିନ୍ରେ ପକାନ୍ତୁ



କଦଳୀ ଚୋପା, ପରଡ଼
 ଖୋଳପା, ପରିବା
 ଚୋପା, ଚଟାଣ ଅଳିଆ,
 ଔଷଧ ଗୁଡ଼ା ଯାଇଥିବା
 ଗାପର



ଭକ୍ତ, ପୁର ଖିଜା ଦୁକା
 ଓ ବ୍ୟାଘେର ଇତ୍ୟାଦି



ବ୍ୟାଥେଟର,
 ରାଉରଥ ଟିରକ,
 ଟ୍ରେନେର ଟିରକ,
 ସାଲାଇନ୍ ନଳା ଇତ୍ୟାଦି



କଟା ଅଙ୍ଗପ୍ରାୟଣ,
 ପୁର (ପୁଷ୍ପେଷା)
 ମୃତ ଶିଶୁମୁଣ୍ଡ



ବୁଦ୍ଧି, କେରୁ,
 ଭଙ୍ଗାଯାଇଥିବା
 ଇନ୍ଜେକ୍ସନ୍ କାଟ

ମିଷ୍ଟର ବିନ୍

ସୂଚନା : > ୨୪ ଘଣ୍ଟା ମଧ୍ୟରେ ବିନ୍ ଖାଲି କରନ୍ତୁ ।
 > ବିନ୍ର ଦୁଇ ଚୁଟାୟାଣା(୨/୩)କୁ ଅଧିକ ଆବର୍ଜନା ପକାନ୍ତୁ ନାହିଁ ।

Health and Family Welfare Department
 Government of Orissa



Background of the Document:

The purpose of the Infection Management & Environmental Plan is to ensure that all stake holders recognize the maintenance of sanitary conditions, use of appropriate disinfection and sterilization techniques, provision of potable water and clean air for all operations, and nosocomial infection control are the basic infrastructural requirements for quality health care delivery system. These elements are essential for improving the health of patients, preventing the transmission of infections among patients and staff, and reducing hazards for service providers, patients and the neighboring community. It addresses factors related to the spread of infections within the health-care setting (whether patient-to-patient, from patients to staff and from staff to patients, or among-staff), including prevention (via hand hygiene/hand washing, cleaning/disinfection/sterilization, vaccination, surveillance), monitoring/investigation of demonstrated or suspected spread of infection within a particular health-care setting and management. It is on this basis that the common title being adopted within health care is "Infection Management & Environmental Plan."

Approved Budget & Permissible Budget Head (As per NRHM PIP 2011-12):

With the present available fund various non-recurring activities may be taken up for establishing the infrastructure & training of HR for proper implementation of IMEP. The recurring part of the plan may be addressed by any other source like RKS/User Charges/FRU Recurring expenses.

Point No.	Budget head	Unit of measure	Base-line (current status)	Rate (Rs./ unit)	Physical Target for the quarter					Financial target for the quarter				
					Q-I	Q-II	Q-III	Q-IV	Total Target	Q-I	Q-II	Q-III	Q-IV	Amount (Rs. Lakhs)
B.6.4.3.1	IMEP Activities	Per block		50,000		314	314		314	-	157.00	157.00	-	314.00

* **Special Note:-**Though there is a sanction of Rs 1 lakh per blocks its being instructed to spend Rs 95,000 max per block as the rest Rs 5000 from each block will be spent centrally by the state for undertaking various activities. (Details available In the Budget attached in annex-C)

Target Health Institutions:

This guideline has been developed to take up the activities at the Block Head quarter Hospital. The fund has already been disbursed to the district for taking up BMW management/disposal activities at the DHH and SDH level vide letter no. MET-I(BMW)-8/2010- 6479// Bhubaneswar dated 27/05/2011 by the DMET, Odisha. Thus the sanctioned fund under IMEP should be utilized at the Block CHC level exclusively. The overlap of the activities should be avoided while implementing the IMEP activities at the district level.

Nodal officer for Monitoring the Implementation of the Programme

As the activities will be undertaken at the Block Head quarter CHC,ADMO(PH) will be the nodal person at the district level & MO I/C will be the nodal person for the respective health institution.They will monitor the implementation of the programme & simultaneously will provide support for getting the authorization from the Pollution Control Board

ACTIVITY DETAILS:

I. Activities at State Level:

1. State TOT

Trainee

The state level TOT will be conducted to create the resource pool consisting of 15 selected ADMO(M)s, 15 selected HMs & 9 regional officers from Orissa Pollution Control Board.

Roles & Responsibility

- i) They will act as the Regional trainer/District Trainer for training the sub district level staff.
- ii) They will be reviewing the progress of various activities under IMEP along with periodical review of continuity & providing hand holding support to the sub-district level staff for getting the authorization from Orissa Pollution Control Board (OPCB).

2. Printing of IMEP Guide line

A) 1000 copies of the existing guideline of IMEP for CHCs by Ministry of Health & Family welfare, Government of India will be printed & will be supplied to the districts with inclusion of the following points considering the state need for proper implementation of the plan.

- i) Check list for facility assessment
- ii) Check list for assessment of Containment Area
- iii) Prototype of Containment Area

B) 10,000 copies of book regarding BMW management for paramedics (in Oriya) also need to be printed & to be supplied to all the paramedics working across the state.

3. Regional Training to Head of all the health institutions & BPO of that respective CHC

Trainee

In the 4 regional venues of the state a total of 628 personnel (MO I/Cs & BPOs from the block head quarter hospital) need to be trained on guidelines of IMEP for proper implementation of the plan. The training will be given by the resource pool prepared through state TOT.

Roles & Responsibilities

Subsequently they can be utilized as resource pool for implementing the IMEP activities in the other hospitals & PHC (N) level.

4. Training of District Nodal Officers

All the 30 ADMO (PH) will be trained one day about proper implementation of the programme at the CHC level along with monitoring tools to review the performance of various health institutions of their district .

II. Activities at District Level:

1. Procurement of Logistics

The following logistics may be procured at the CHC level by utilizing the IMEP fund. The detail procurement guideline is attached at Annexure-B.

- Bins- color coded bins will be kept at strategic points as per the annexure A. Facility assessment need to be done before procurement at the institutional level as per the specifications provided by the state. (Annex-B). The strategic locations must be prioritized like LR, OT & Injection Room (must) & other important points where the BMW is generated.
- Wheel barrow-2 wheel barrows need to be procured by each CHC. Annex-A.
- Consumables- For proper infection management inside the CHC & for various wards the following items are required on regular basis.
 - i. Bleaching Powder,
 - ii. Sodium Hypochlorite.
 - iii. Phenyl,
 - iv. Formalin,
 - v. Gloves & mask for BMW handlers.
 - vi. Coloured polythene bags .

A recurring amount of Rs 1000/- per month may be spent from either RKS/ User charges/ FRU recurring in this regard to address the recurring expenditure of purchasing the above said consumables.

Special Note- Before making any procurement the need assessment should be done thoroughly by the MO I/C & only if the desired logistics are not available then only the same may be procured adhering to the procurement guideline provided by the state & by following due procedure.

2. Signage

The prototype of signage will be developed by the state & the same may be painted on wall in all the strategic locations where the Bins are kept. It should clearly depict about the use of various coloured bins along with proper procedure to handle the BMW.

3. Containment Area Development plan

The institutions having containment area need to be made functional by repairing & renovating the existing one. Institution like FRU and CHC those which do not have containment area should start with taking up the following activities.

- i. Concrete Boundary Wall- To protect Dog & Cat menace.
- ii. A gate with Lock & Key.
- iii. Should have 2 deep burial pits.
- iv. At least one sharp pit.
- v. Concrete plat-form.
- vi. Running Tap water.
- vii. A signage

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by 9/5
7-19/11

The standard guide line contained in the biomedical waste management rule 1998 should be used while constructing the sharp and deep burial pits. The prototype of the pit is available in the google website of NRHM (<http://sites.google.com/site/sdolnrhm>).

4. Authorization fees

The fees incurred for applying to OPCB for getting the authorization may be booked under this head.

5. Regional Review-cum-Coordination Meeting

The Regional Review Cum Coordination Meeting involving OSPCB/ Doctors from health institutions (occupier) and a NGO/ institution acting an coordinating agency need to meet once a year at 9 regions of OSPCB. In total we have 32 DHHs/ 26 SDHs/ 376 CHCs and 314 blocks.

6. Sanitation Committee (WM Committee)

To monitor the waste management activity in a monthly basis and to provide guidance to the erring and non-cooperative functionaries, the waste management committee should be formulated as per the existing guideline by DHS.

Timeline

Activity	Responsible person	Timeline						
		Sept	Oct	Nov	Dec	Jan	Feb	mar
State TOT	Consultant HDT		✓					
Printing of IMEP Guideline	Consultant HDT		✓					
Release of fund to the CHC	DPM/DAM	✓						
Regional TOT	Consultant HDT		✓					
Facility Assessment	MO I/C of CHC		✓					
Facility up gradation (procurement/repair/renovation/new construction)	MO I/C of CHC			✓	✓	✓		
Painting of signage	BPO			✓				
Application for authorization from OPCB	BPO						✓	
Reporting	BPO/DHIO			✓	✓	✓	✓	✓

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by 7/9
7/9
7/9/11

Status of Collection Points & Disposal Sites

Status of Collection Points & Disposal Sites									
SOURCE WISE TYPE OF WASTE BINS						ASSESSMENT OF CONTENTMENT AREA			
SL. NO.	GENERATION POINT		YELLOW (Body Parts)	RED (Infectious Waste)	BLUE (Plastics)	BLACK (General Waste)	Sl. No.	Activity	Status
1	OT	Standard	✓				1	Boundary Wall	
		Available					2	Deep burial pits	
		Requirement					3	One sharp pit	
2	Labour Room	Standard	✓	✓	✓	✓	4	Signage	
		Available					5	Concrete plat form	
		Requirement					6	Running Tap water	
		Standard		✓	✓	✓	7	A gate with Lock & Key	

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Handwritten signature and date: 2/9/11

PROFORMA FOR STATUS REPORT ON BIOMEDICAL WASTE (BMW) MANAGEMENT.

Ref : G.O. No. 9574 / H, Dt. 18.4.08

District:

Name and address of Health Care Unit :

Date of Data Collection

Background Information of Healthcare Unit

a) Name of the MO i/c	
b) No. of functional beds at the HCU :	
c) Average No. of OPD patients / month:	
d) Average No. of admissions / month:	
e) Average bed occupancy	

Profile of Biomedical Waste generated at the Healthcare Unit

a) Types of BMW generated category wise* (all/all except categories)	
b) Average quantity of BMW generated per day (in kgs)	
c) No of collection points in the HCU	
d) Types of colour-coded bins in use for segregation of BMW.	

Transport of Biomedical Waste :

a) Method of on-site transport (From individual collection points to common collection point)	
b) Method of off-site transport (From common collection point to the disposal site)	
c) Transportation by self/ outsourced agency	

Present method of Treatment & Disposal of Biomedical Waste

a) Infrastructure available (Name of the equipment available for waste disposal)	
i. containment area	
ii. Autoclave	
iii. shredder	
b) Present method of waste disposal	
c) No. of deep burial pits in use.	
d) Present method of sharp waste management	
e) Whether Needle Syringe Terminator (NST) is in use to destroy hypodermic needles.	
f) Whether Chemical disinfectant (1% Sodium Hypochlorite Solution)is in use to disinfect infectious waste	
g) Amount of liquid waste generated / day (from house keeping, OT, Laboratory etc.)	
h) Present method of liquid waste management.	
i) Adequate amount of protective gear available for waste handlers	

Biomedical Waste Storage Space

a) Whether waste storage room is available and if yes, what is its size, location & formation.	
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Record Keeping

a) Whether log book is maintained in respect of the generation & disposal of BMW on daily basis.	
b) Whether annual report is submitted to OSPCB regularly, and if yes the information in brief there of.	
c) Whether approval of OSPCB is obtained in respect of the use of deep burial pits	
d) Whether such pits are inspected by the OSPCB to confirm its standards for the desired use.	
e) Whether authorization is granted by the OSPCB to the HCU.	
f) Whether the prescribed authorization fees is deposited to OSPCB, if yes, the information there of.	
g) Was there any occurrence of accident in handling BMW, if yes, the information there of.	

Institutional Planning

a) Whether a Biomedical waste management committee (BMC) is formed.	
b) If yes, what is its structure, how often it meets and what is its modus operandi.	

h

10/4/08

18/4/08
21/4/08

Annexure C - Budget for IMEP

Sl. No.	Activity	Participants /Remarks	Responsibility	Cost Estimate
A. Activity at State Level				
A.1	Training			
A.1.1	Refresher Training of Service Providers			
A.1.1.1	State TOT(2 days)	Selected ADMO(M)-10, Regional Officers(9)& HMs-11	State	
A.1.1.2	Regional level Training (2 days)	All MO(U/c) & BPOs of Block Hqr. Hospitals	State	
A.1.1.3	One day training of District Nodal Officers	30 ADMO(PH)	State	
A.2	Printing			
A.2.1	Printing of IMEP Guideline along with BMW rules	2 for each CHC along with 32DHHS	State	
A.2.2	Printing of BMW guideline for Paramedics in oriya		State	
B. Activity at District Level				
B.1	Procurement of Logistics			
B.1.1	Bins	i) Colour coded bins at strategic points as per the Annex.A. ii) Facility assessment need to be done before procurement at the institutional level as per the specifications provided by the state and the procurement should be done adhering to the procurement guideline provided in Annex. B.		
B.1.2	Wheel Barrow	ii) Facility assessment need to be done before procurement at the institutional level as per the specifications provided by the state and the procurement should be done adhering to the procurement guideline provided in Annex. B.		
B.1.3	Consumables (Bleaching Powder, Sodium Hypochlorite,Phynyle,Formalin,Gloves & mask for BMW handlers)			
B.2	Signages	Prototype is attached in the guideline and also available in the google website of NRHM (http://sites.google.com/site/sdoInrhm). It will be painted in all strategic locations where the Bins will be kept (5"x 3" size).		
B.3	Containment area development plan	i) Assessment need to be done as per the Annex. A ii) Basing on the further requirement the developmental activities may be taken up.		
B.4	Engagement of Additional manpower on daily wages basis/ outsourcing (if needed) for handling the Bio-medical waste	Can only be done after the assessment by waste management committee and approval of the Governing Body of RKS.		
* Special Note:-				
i) Though there is a sanction of Rs 1 lakh per blocks its being instructed to spend Rs 95,000 max per block as the rest Rs 5000 from each block will be spent centrally by the state for undertaking various activities. ii) If new construction is needed, proposal with estimate should be sent to Mission Director, NRHM. iii) Before making any procurement the assessment should be done thoroughly by the MO I/C & only if the desired logistics are not available then only the same may be procured adhering to the procurement guideline provided by the state & by following due procedure.				

DRAFT PROCUREMENT GUIDELINE

PROCUREMENT OF WASTE MANAGEMENT ACCESSORIES

ITEMS TO BE PROCURED

1. Colour Coded Bins : Red, Blue, Black, Yellow
2. Wheel Barrows
3. Consumables :
 - Bleaching Powder
 - Sodium Hypochlorite
 - Phynyle
 - Formalin
 - Gloves & Mask for BMW handlers
 - Plastic Bags (Red, Black, Blue, Yellow)

PROCUREMENT GUIDELINES

- Before initiation of the procurement process, a thorough requirement analysis of the colour coded bins, wheel barrows & consumables to be procured are to be made by the MO / MO I/C of the institution.
- Based on the requirement & the estimated cost, the procurement strategy is to be decided. If the estimated cost is below Rs.50,000/- , the items can be procured by inviting limited quotations (Minimum three) from potential suppliers dealing with these items having VAT registration. If the estimated cost is above Rs.50,000/-, open tender (advertisement in news paper) is to be invited.
- In case of limited quotations & open tender, the detail specification and the quantity of the items to be procured is to be clearly notified.
- In case of limited quotations, the quotation call notice alongwith the specification should be notified in the local notice boards.
- The specifications of colour coded bin & wheel barrow is attached at Annexure I
- In case of colour coded bins, one no. sample shall be asked for to ascertain the quality and features as per technical specification. The samples must be returned to the bidders after evaluation of offers.
- The quotations / tenders are to be received in properly sealed envelopes within the stipulated date.

- The quotations/tenders shall be opened in the presence of the purchase committee and evaluation of offers should be done taking into consideration the specification of the items offered and the samples submitted.
- A comparative statement of the offers of the bidders (Item wise) shall be prepared and should be annexed with the proceedings. The proceedings shall be signed by all members of the purchase committee.
- The lowest responsive bidder should be awarded the purchase order after due approval of the purchase committee.
- The proceedings alongwith the comparative statement must be kept carefully for record.

SPECIFICATION OF PLASTIC BINS

QUALITY STANDARD OF THE MANUFACTURER	The manufacturer should be ISO 9001-2000 Certified Unit
COLOUR	RED, BLACK, BLUE, YELLOW
MATERIAL	HDPE bins made from virgin polymer material, thickness of bin shall be minimum 2.5 mm (+/- 0.2 mm) with foot operated lid and handles for lifting; Lid mechanism shall be of SS material only
CLASS & SIZES	BIG (25 Lt.)
DIMENSIONS	HDPE bucket of Circular/Oval Top with Collar & height 360 mm (\pm 10mm), with suitably designed foot operated lid and proper handles for lifting the bin. The diameter of the SS pipe/wire rod used for cage, handle and for operation of lid shall not be less than 4 mm.
WORKMANSHIP & FINISH	SS parts shall be smooth finished, proper rubber studs shall be provided on the paddle and both ends of 20mm SS square hollow pipe
REQUIREMENTS	Lid of the Bin shall be foot operated and SS bottom rod of foot operated mechanism shall be minimum 8 mm. It shall close to secure infected contents immediately upon releasing pressure.
	Bin shall be pre-printed as per requirements of Bio Medical Waste Management Rules - 1998 (amended till date)
MARKING	Each Bin shall be Marked Govt. of Orissa Supply. Properly labeled Bin to indicate Bio Medical Waste Logo, Product Name, Size, Date of Manufacturing, Produced by, Address.
PACKING & PACKAGING	Each Bin shall be packed in poly film / bag to reach destination securely

SPECIFICATION OF PLASTIC BINS

QUALITY STANDARD OF THE MANUFACTURER	The manufacturer should be ISO 9001-2000 Certified Unit
COLOUR	RED, BLACK, BLUE, YELLOW
MATERIAL	HDPE bins made from virgin polymer material, thickness of bin shall be minimum 2.5 mm (+/- 0.2 mm) with foot operated lid and handles for lifting; Lid mechanism shall be of SS material only
CLASS & SIZES	SMALL (15 Lt.)
DIMENSIONS	HDPE bucket of Circular/Oval Top with Collar & height 290 mm (\pm 10 mm), with suitably designed foot operated lid and proper handles for lifting the bin. The diameter of the SS pipe/wire rod used for cage, handle and for operation of lid shall not be less than 4 mm.
WORKMANSHIP & FINISH	SS parts shall be smooth finished, proper rubber studs shall be provided on the paddle.
REQUIREMENTS	Lid of the Bin shall be foot operated and SS bottom rod of foot operated mechanism shall be minimum 4 mm. It shall close to secure infected contents immediately upon releasing pressure.
	Bin shall be pre-printed as per requirements of Bio Medical Waste Management Rules - 1998 (amended till date)
MARKING	Each Bin shall be Marked Govt. of Orissa Supply. Properly labeled Bin to indicate Bio Medical Waste Logo, Product Name, Size, Date of Manufacturing, Produced by, Address
PACKING & PACKAGING	Each Bin shall be packed in poly film / bag to reach destination securely



SPECIFICATION OF WHEEL BARROW

QUALITY STANDARD OF THE MANUFACTURER	The manufacture should be ISO 9001-2000 Certified Unit.
STRUCTURAL PARTS	The frame of the wheel barrow should be made out of Welded MS angle (25 x 25 x 3 mm) or MS pipe (25mm OD) and 25mm x 3mm plates as required. One handle made out of MS Pipe (25mm OD) shall be welded at one end for pulling the wheel barrow. The frame shall be of suitable size to support 4 no. of 50 Lt. bin with handle. The frame should be fitted with two / three no. of rubber wheels of 12" diameter and axle, bearings to support smooth movement.
MATERIAL	<p><u>Plastic Bin</u> Four HDPE bins (Yellow, Red, Blue, & Black coloured- One each of 50 Lt. capacity) made from virgin polymer material, thickness of bin with collar & lid shall be minimum 2.5 mm (\pm 0.2 mm). Individual lid for each bin. The handle for lifting bins shall be of SS (4mm) diameter rod.</p> <p>Frame of barrow should have the provision for a plastic container (500 ml with lid) to keep sponge (8" x 5" x 3") to be dipped in about 300 ml. Hypochlorite Solution.</p>
SIZES	<p>Total size of the wheel barrow should accommodate 4 nos. 50 lit. Capacity bins (Total 200 Lts. Volumetric Capacity)</p> <p>Sizes of the bins shall be as per standard HDPE buckets available in the market with suitably designed handles for lifting the bin and shall additionally have two collar holds to pull out / replace the bin securely. SS Pipe/wire rod used for handle of the bin shall not be less than 4 mm dia.</p>
WORKMANSHIP & FINISH	The frame of the wheel barrow shall be properly welded with smooth finish. The frame shall be painted with two coats of enamel paint. SS parts shall be smooth finished.
REQUIREMENTS	<p>Lid of the Bin shall close to secure infected contents. Separate open space /compartment at bottom to carry fresh Plastic Bags (used for collection of Bio Medical Waste)</p> <p>Bin shall be pre-printed as per requirements of Bio Medical Waste Management Rules - 1998 (amended till date)</p>
MARKING	Each wheel barrow shall be Marked Govt. of Orissa Supply. Properly labelled wheel barrow to indicate Bio Medical Waste Logo. Similarly properly levelled bins to indicate Bio Medical Waste Logo, Product Name, Size, Date of Manufacturing, Produced by, Address.
PACKING & PACKAGING	<p>Each Bin shall be packed in poly film / bag to reach destination securely</p> <p>Structural parts shall be covered with poly film to prevent damages to paint/ coatings, rubber part (Wheel and Push Handles) be secured during transport.</p>

SPECIFICATION OF PLASTIC BINS

QUALITY STANDARD OF THE MANUFACTURER	The manufacturer should be ISO 9001-2000 Certified Unit
COLOUR	RED, BLACK, BLUE, YELLOW
MATERIAL	HDPE bins made from virgin polymer material, thickness of bin shall be minimum 2.5 mm (+/- 0.2 mm) with foot operated lid and handles for lifting; Lid mechanism shall be of SS material only
CLASS & SIZES	BIG (25 Lt.)
DIMENSIONS	Sizes of the bins shall be as per standard 25 Lt. HDPE buckets available in the market having Circular/Oval Top with Collar. Suitably designed foot operated lid and proper handles for lifting the bin. The diameter of the SS pipe/wire rod used for cage, handle and for operation of lid shall not be less than 4 mm.
WORKMANSHIP & FINISH	SS parts shall be smooth finished, proper rubber studs shall be provided on the paddle.
REQUIREMENTS	Lid of the Bin shall be foot operated and SS bottom rod of foot operated mechanism shall be minimum 4 mm. It shall close to secure infected contents immediately upon releasing pressure.
	Bin shall be pre-printed as per requirements of Bio Medical Waste Management Rules - 1998 (amended till date)
MARKING	Each Bin shall be Marked Govt. of Orissa Supply. Properly labeled Bin to indicate Bio Medical Waste Logo, Product Name, Size, Date of Manufacturing, Produced by, Address.
PACKING & PACKAGING	Each Bin shall be packed in poly film / bag to reach destination securely

SPECIFICATION OF PLASTIC BINS

QUALITY STANDARD OF THE MANUFACTURER	The manufacturer should be ISO 9001-2000 Certified Unit
COLOUR	RED, BLACK, BLUE, YELLOW
MATERIAL	HDPE bins made from virgin polymer material, thickness of bin shall be minimum 2.5 mm (+/- 0.2 mm) with foot operated lid and handles for lifting; Lid mechanism shall be of SS material only
CLASS & SIZES	SMALL (15 Lt.)
DIMENSIONS	Sizes of the bins shall be as per standard 15 Lt. HDPE buckets available in the market having Circular/Oval Top with Collar. Suitably designed foot operated lid and proper handles for lifting the bin. The diameter of the SS pipe/wire rod used for cage, handle and for operation of lid shall not be less than 4 mm.
WORKMANSHIP & FINISH	SS parts shall be smooth finished, proper rubber studs shall be provided on the paddle.
REQUIREMENTS	Lid of the Bin shall be foot operated and SS bottom rod of foot operated mechanism shall be minimum 4 mm. It shall close to secure infected contents immediately upon releasing pressure.
	Bin shall be pre-printed as per requirements of Bio Medical Waste Management Rules - 1998 (amended till date)
MARKING	Each Bin shall be Marked Govt. of Orissa Supply. Properly labeled Bin to indicate Bio Medical Waste Logo, Product Name, Size, Date of Manufacturing, Produced by, Address.
PACKING & PACKAGING	Each Bin shall be packed in poly film / bag to reach destination securely



Size 4"x2"

ବର୍ଯ୍ୟବସ୍ଥୁ ଗୁଡ଼ିକୁ ଉପଯୁକ୍ତ ବିନ୍ଦୁରେ ପକାଇନ୍ତୁ



ମିଷ୍ଟର ବିନ



କଦଳୀ ଚୋପା, ପଇତା
ଖୋଳପା, ପରିବା
ଚୋପା, ଚରାଣ ଅଳିଆ,
ଔଷଧ ଗୁଡ଼ା ଯାଇଥିବା
ବାସର



ରକ୍ତ, ପୁଲ ଭିଜା ବୁଳା
ଓ ବ୍ୟାଢ଼େଇର ଇତ୍ୟାଦି



ବ୍ୟାଢ଼େଇର,
ରାଜଲଗ୍ନ ବିଭର,
ଡ୍ରେନେଜ୍ ଚିଉର,
ସାଲାଇନ୍ ନଳୀ ଇତ୍ୟାଦି



କାବା ଅଙ୍ଗପ୍ରାୟଙ୍ଗ,
ଫୁଲ (ପ୍ଲାସ୍ଟିକ୍)
ମୃତ ଶିଶୁଗୁଣ



ଛୁଆଁ, ଚେର,
ଭଜାଯାଇଥିବା
ଇଞ୍ଜେକ୍ସନ୍, କାଚ

ସୂଚନା : ▷ ୨୪ ଘଣ୍ଟା ମଧ୍ୟରେ ବିନ୍ଦୁ ଖାଲି କରନ୍ତୁ ।

▷ ବିନ୍ଦୁର ଦୁଇ ଦୂରାଂଶୀ (୨/୩) ରୁ ଅଧିକ ଆବର୍ତ୍ତନା ପକାନ୍ତୁ ନାହିଁ ।

୧୩/୬/୧୯

୧୩/୬/୧୯

୧୩/୬/୧୯