

MAHARASHTRA POLLUTION CONTROL BOARD

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Red/LSI

Consent No: Format 1.0/BO/PSO/EIC-- / CC-6711

Date: 06/06/2015

To

- 1) The Municipal Commissioner,
Pimpri Chichwad Municipal Corporation,
Pune
- 2) M/s. Passco Environmental Solution Pvt. Ltd.,
S.No. 172,173,174, Y.C.M. Hospital Compound,
Sant Tukaram Nagar, Pimpri,
Pune-411 018.
(email: helpdesk@passco.in)

(Owner of facility)

(Operator of facility)

Subject: Combined Consent to Operate of CBMWTSDF under the provisions of Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 and Bio-Medical Waste (Management and Handling) Rules, 1998, respectively.

- Ref :
1. Your Application for Consent to Operate vide FTS no. 141210ft0165, received on 05.01.2015
 2. Your Application for BMW authorization vide FTS no. 141110FT0287, received on 19.12.2014
 3. This office email dated -18.02.2015
 4. Your reply received by FTS no. 150311ft0233 dated- 22.03.2015
 5. Reply received vide email dated 17.03.2015 and 09.04.2015
 6. Minutes of 2nd CC meeting held on 22.05.2015
 7. Your email dated 27.05.2015

Combined Consent to Operate :

After examining the proposal the Maharashtra Pollution Control Board hereby grant Combined Consent and BMW authorization to operate CBMWTSDF under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981, Bio-Medical Waste (Management and Handling) Rules, 1998, Environment (Protection) Act, 1986, and Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008 respectively, subject to following terms and conditions and as detailed in the Schedule I, II, III & IV annexed to this order:

- 1) The Municipal Commissioner, Pimpri Chichwad Municipal Corporation, (Owner of the Facility) and
 - 2) M/s. Passco Environmental Solution Pvt. Ltd., (Operator of the Facility) to Operate the facility at - S.No. 172,173,174, Y.C.M. Hospital Compound, Sant Tukaram Nagar, Pimpri, Pune under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974.
1. The Combined consent to operate and BMW authorization is granted for a period from 31.10.2014 and 31.10.2015

2. The estimated capital investment of the Health Care Establishment (HCE) is Rs. 90.67 Lakhs. (As per C. A. Certificate submitted by the facility operator)
3. The specific functions and responsibility of Owner and Operator are summarized as under:

Sr. No.	Name of Agency	Responsibility	Jurisdiction	Technology for treatment and disposal of BMW
1	The Municipal Commissioner, Pimpri Chichwad Municipal Corporation, (Owner of the facility)	Ensure O & M of Common Facility for Management and Handling of Biomedical Waste as per BMW Rules 1998, as amended by operator of facility collection, reception, transportation, storage, treatment and disposal as per CPCB guidelines & conditions of this consent.	Municipal Corporation Pimpri Chichwad, area	Incineration- 50 Kg/hr., Autoclave- 50 lit./cycle, Shredder- 50 Kg/hr. Dedicated vehicles for collection and transportation of BMW. (Refer condition iv of part 3)
2	M/s. Passco Environmental Solution Pvt. Ltd., (Operator of the Facility) to Operate the facility at - S.No. 172,173,174, Y.C.M. Hospital Compound, Sant Tukaram Nagar, Pimpri, Pune (Operator of the facility)	To operate the facility in compliance with CPCB guidelines on the land provided by Pimpri Chichwad Municipal Corporation.	Municipal Corporation Pimpri Chichwad, area	Operator shall comply with the provision mentioned in Schedule- I, II, III, IV and V of BMW (M & H) Rules 1998, as amended

Part A - Responsibility of Pimpri Chinchwad Municipal Corporation:

Terms and conditions to Set up and Operate Common Bio-Medical Waste Treatment and Disposal Facility by Commissioner, Municipal Corporation Pimpri Chichwad at S.No. 172,173,174, Y.C.M. Hospital Compound, Sant Tukaram Nagar, Pimpri, Pune.

- i. Municipal Authority shall ensure and Operation of Common BMW Treatment Facility, which will comply and strictly abide with the condition stipulated in Schedule-I, II, III, IV & V of Bio-Medical Waste (M&H) Rules, 1988 as amended and CPCB, guidelines.

- ii. Existing Plot Area of the facility is 235.0 sq. mtrs. and Built up Area is 75.0 Sq. mtrs. if built up area of the facility exceeds more than 20,000 sq. mtrs., the Project Proponent shall comply EIA Notification 14.09.2006 or as amended.
- iii. Municipal Authority shall provide suitable land to establish / upgrade the existing CBMWTSDF in compliance with CPCB Guidelines and BMW Rules.
- iv. Municipal Authority shall ensure that all Health Care Establishments and Institution generating BMW in its jurisdiction shall obtain membership of the Common Facility and shall hand over the waste to the Facility.
- v. Municipal Authority shall ensure mandatory color coded bins are used for segregation of BMW by the HCEs and Institutions generating BMW.
- vi. Municipal Authority shall fix the charges and ensure timely payments for providing services to HCEs in consultation with Medical Association and the Facility Operator.
- vii. Municipal Authority shall ensure that the Facility Operator shall set-up / upgrade the existing facility within given time frame in compliance with CPCB guidelines, BMW Rules and directions given by MPCB, time to time.
- viii. Municipal Authority shall ensure submission of Annual Report of BMW by Facility Operator including category and quantity of BMW collected and treated at Facility before 31st January of preceding year to the Regional Office, MPCB, Pune.
- ix. Municipal Authority is not permitted to cancel the agreement of the Facility Operator without prior approval and of this Board.
- x. Municipal Authority shall give advance information to the Board about addition, termination or change of Facility infrastructure and Operator and shall get amended Combined Consent and Authorization (CCA) amended prior to implementation of such additions / changes.

Part B – Responsibility of the Facility Operator :

Terms and Conditions to operate Common Bio-Medical Waste Treatment and Disposal Facility by M/s. Passco Environmental Solution Pvt. Ltd., (Operator of the Facility) to Operate the facility at – S.No. 172,173,174, Y.C.M. Hospital Compound, Sant Tukaram Nagar, Pimpri, Pune.

- i. Operator is responsible for upgradation of the existing facility in compliance with CPCB guidelines and BMW Rules in the plot allotted by PCMC in Total Plot Area 235 sq. mtrs. and Built up Area 75.0 sq. mtrs.
- ii. Operator shall ensure that all the HCEs and Institutions generating BMW shall become the member of the said facility and maintain upto-date records of members.
- iii. Operator shall ensure receipt of only segregated BMW in colour coded bags from the HCEs within 48 hours from the generation.
- iv. Operator shall ensure collection, transportation and disposal of BMW from Pimpri Chichwad Municipal Corporation area only through dedicated BMW transport Vehicle No. MH-14-AS-3066, MH-12-EF-3158, MH-14-AZ-6900, complying to BMW (M&H) Rules and Transport guidelines and shall provide GPS tracking system for all vehicles.
- v. Operator shall ensure use of personal protectives by waste handlers. Every person engaged in BMW management shall be provided with proper immunization and record shall be maintained.

- vi. Facility Operator shall comply and strictly abide with the conditions stipulated in I, II, III, IV & V of BMW (M&H) Rules, 1998 as amended.
 - vii. The treated Plastic / Metal Waste shall be handed over to the MPCB authorized recycler only and record shall be maintained.
 - viii. Operator shall dispose of incineration ash and ETP sludge at CHWTSDf, MEPL, Pune.
 - ix. Operator shall collect the BMW only from PCMC area and shall not exceed their existing capacity of the facility for disposal of waste.
 - x. Operator shall ensure that only segregated BMW is handed over by the member HCEs and Institutions. In case of failure by HCEs, he shall stop receiving unsegregated BMW and inform to the Local Body and MPCB accordingly.
 - xi. Operator is responsible to ensure that all the HCEs and Institutions generating BMW shall become members of their facility.
 - xii. Operator shall submit his BMW Annual Report to Boards Regional Office in Form-II by 31st January every year including information about the categories and quantities of BMW handled during the preceding year.
 - xiii. Operator shall submit Bank Guarantee of Rs. 5.50 Lakhs towards compliance of condition mentioned at Schedule -III to Regional Office, Pune within 30 days.
 - xiv. Operator shall submit compliance of Bank Guarantee conditions every six months to Regional Officer, Pune for verification purpose.
 - xv. Municipal Authority and Operator shall jointly responsible to submit application for renewal of Combined Consent & Biomedical Waste authorization before 120 days of expiry.
4. This consent is issued subject to conditions mentioned below :
- i) You shall collect outdated, discarded, unused Cytotoxic drugs generated in the Cancer centers, research and health care, operator of facility in the format prescribed by CPCB alongwith Annual Report to MPCB i.e. Form- II of BMW Rules with a copy to CPCB before 31st January every year to Regional Office, Pune.
 - (ii) You shall collect and dispose off the Mercury Waste from HCE in environmentally sound manner including storage, spilled collection, transportation and disposal as per CPCB guidelines published by CPCB and hoisted on website www.cpcb.nic.in as detailed in document entitled "Environmentally Sound Management of Mercury Waste in Health Care Facilities" (Also available on MPCB website www.mpcb.gov.in)
5. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government agencies.
6. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the facility.
7. The Occupier will obey all the lawful instructions issued by the Board Officers from time to time.
8. Maharashtra Pollution Control Board may at any time revoke / change any of the conditions applicable under the authorization and shall communicate the same in writing.
9. Any violation of provisions of BMW (M&H) Rules, 1998 as amended shall attract the penal provisions of Environment (Protection) Act, 1986.



10. This authorization contain two parts, separating the responsibility of the Corporation at Part - A Responsibility of Pimpri Chichwad Municipal Corporation and Part - B and responsibility of the Facility Operator.
11. Commissioner, PCMC and M/s. Passco Environmental solution safely close down the CTF at YCM hospital upon successful commissioning of the new CTF at S. No. 460, 461, At. Moshi, Tal. Haveli, Dist. Pune the existing plant. M/s. Passco Environmental Solution Pvt. Ltd., shall submit closure report through SRO, PCMC, Mumbai to HQ for necessary action.
12. This Consent is issued with the approval of Consent Committee of the Board in its meeting dtd. 22.05.2015.

For and on behalf of the
Maharashtra Pollution Control Board

(P. K. Mirashe)
I/c. Member Secretary

Received Consent fee of -

Sr. No.	Amount (₹)	DD. No.	Date	Drawn On
1.	25,000/-	200951	06.12.2014	Bank of Maharashtra
2.	100/-	200450	06.12.2014	Bank of Maharashtra
3.	17,500/-	200645	29.10.2014	Bank of Maharashtra
4.	100/-	200644	29.10.2013	Bank of Maharashtra

Copy to:

1. Regional Officer - MPCB, Pune - for information.
2. Sub-Regional Officer - Pimpri Chichwad, MPCB - They are directed to ensure the compliance of the consent conditions and submit report periodically to HQ.
3. PSO / Chief Accounts Officer, MPCB, Mumbai- for information.
4. CC desk- for record & website updation purposes.

Annexure - I.

1. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	4.40	As per Schedule -I	On land for gardening
2.	Domestic effluent	0.80	As per Schedule -I	

2. Conditions under Air (P & CP) Act, 1981 for air emissions:
Incinerator

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Incinerator (50 kg/hr)	4 No.	As per Schedule - II
2.	D.G. Set (45 KVA)	1 No.	As per Schedule - II

3. Hazardous Solid Wastes:

Sr. No.	Type of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Sludge ETP	HW. Cat. No. 34.3	As per actual	MT/M	Nil	CHWTSDf
2	Incineration Ash	BMW Cat. No. 9	1200	Kg/M	Nil	CHWTSDf

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Schedule-I (Refer Annexure-I, condition no. 1.)

I) Terms & Conditions for compliance of Water Pollution Control

- 1) A) You shall operate the combined waste water treatment plant of adequate design and capacity (6.0 m³/day) to treat the trade and domestic effluent so as to achieve the following standards prescribed by the Board or under E P Act, 1986 and Rules made there under from time to time, whichever is stringent. followed by Chlorination and the treated water shall be disposal to Land application after achieving standard prescribed.

Sr. No.	Parameters	Discharge Standards applicable
		Limiting Concentration in mg/l, except for pH
01	pH	6.5-9.0
02	Oil & Grease	10
03	BOD (3 days 27°C)	30
05	COD	250
06	Total Suspended Solids	100
08	Bio-Assay Test	90 % survival of fish after 96 hours in 100% effluent
09	Mercury	0.01
10	Total Dissolved Solids	2100

- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waste water & the system for the disposal of effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps for expansion/modify any treatment and disposal system or an extension or addition thereto.
- 3) You shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) You shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time and conditions of Environmental Clearance, if applicable.

II) Conditions under Water (Prevention & Control of Pollution) CESS Act, 1977 as amended.

The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water Consumption quantity CMD
1.	Industrial Cooling and boiler feed etc.,	4.50
2.	Domestic purpose	1.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil
5	Other such as agriculture, gardening, etc.	Nil

Schedule-II

A) Terms & conditions for compliance of Air Pollution Control for D.G. Set :

1. As per your application, you have proposed the Air pollution control (APC) system and also proposed to erect following stack (s) to observe the following fuel pattern-

Sl. No.	Stack Attached to	Height in meter	Type of Fuel	Quantity UoM	UoM
1	D.G. Set (45.0 KVA)	2.35	HSD	8.0	Lit/hr
2	Incinerator	30.0	Diesel	8.0	Lit/M

2. The applicant shall provide stack height of appropriate height and operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm ³
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3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in parts necessary).
5. Conditions for D.G. Set
- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f. D.G. Set shall be operated only in case of power failure.
 - g. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h. The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.

B) CONDITIONS UNDER AIR ACT FOR BMW INCINERATOR

The incinerator should meet the following operating and emission standards:
Standards for emissions of air Pollutants

Operating Standards

1. Combustion efficiency (CE) shall be at least 99.00%.

2. The Combustion efficiency is computed as follows;

$$C.E. = \frac{\%CO_2}{\%CO_2 + \%CO} \times 100$$

3. The temperature of the primary chamber shall be $800 + 50^{\circ}C$,

4. The secondary chamber gas residence time shall be at least 1 (one) second at $1050 + 50^{\circ}C$ with minimum 3% Oxygen in the stack gas.

S.No	Parameters	Conc. Mg/Nm ³ at (12% CO ₂ correction)
1	Particulate matter	150
2	Nitrogen Oxides	450
3	HCL	50

5. Minimum stack height shall be 30 meters above the ground

6. Volatile organic compounds in the ash shall not be more than 0.01%

7. The Applicant shall provide ports in the chimney and facilities such as ladder, platform etc for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's staff. The chimneys shall be numbered as S-1, S-2 etc and these shall be painted / displayed to facilitate identification.

8. The applicant shall carry out monitoring of above mentioned parameters atleast quarterly from the approved laboratory and submit report of the same to the Board.

Note :

- Suitably designed pollution control devices should be installed / retrofitted with the incinerator to achieve the above emission limits, if necessary.
- Wastes to be incinerated shall not be chemically treated with any chlorinated disinfectants.
- Chlorinated plastics and Plastic bags shall not be incinerated.
- Toxic metals in incineration ash shall be limited within the regulatory quantities as defined under the Hazardous Waste (Management and Handling Rules,) 1989.
- Only low sulphur fuel like L.D.O./L.S.H.S./Diesel shall be used as fuel in the incinerator.

9. The occupier shall comply with above operating and emission standards during the validity period of this CCA. In case of failure your CCA may be cancelled.

Schedule-III

Standards for Waste Autoclaving:

The autoclave should be dedicated for the purposes of disinfecting and treating bio-medical waste,

- (I) When operating a vacuum autoclave, medical waste shall be subjected to a minimum of one pre-vacuum pulse to purge the autoclave of all air. The waste shall be subjected to the following.
 - (i) a temperature of not less than 121° C and a pressure of 15 psi for an autoclave residence time of not less than 45 minutes; or
 - (ii) a temperature of not less than 135° C and a pressure of 31 psi for an autoclave residence time of not less than 30 minutes; or
- (II) Medical waste shall not be considered properly treated unless the time, temperature and pressure indicators indicate that the required time, temperature and pressure were reached during the autoclave process. If for any reasons, time, temperature or pressure indicates that the required temperature, pressure or residence time was not reached, the entire load of medical waste must be autoclaved again until the proper temperature, pressure and residence time were achieved.
- (III) Recording of operational parameters,- Each autoclave shall have graphic or computer recording devices which will automatically and continuously monitor and record dates, time of day, load identification number and operating parameters throughout the entire length of the autoclave cycle.
- (IV) Validation test: Spore Test - The autoclave should completely and consistently kill the approved biological indicator at the maximum design capacity of each autoclave unit. Biological indicator for autoclave shall be *Bacillus stearothermophilus* spores using vials or spore strips, with at least 1×10^4 spores per milliliter. Under no circumstances will an autoclave have minimum operating parameters less than a residence time of 30 minutes, regardless of temperature and pressure, a temperature less than 121° C or a pressure, less than 15 psi.
- (VI) Routine Test: A chemical indicator strip/tape that changes color when a certain temperature is reached can be used to verify that a specific temperature has been achieved. It may be necessary to use more than one strip over the waste package at different location to ensure that the inner content of the package has been adequately autoclaved.



Schedule-IV

General Conditions

The following general conditions shall apply :

- 1) You shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) You should monitor effluent quality, stack emissions, noise and ambient air quality quarterly.
- 3) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 4) You shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise control operation to abide by terms and conditions of this consent.
- 5) You shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 6) You shall comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M, H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year to Regional Office, Pune.
- 7) You shall engage qualified staff/personnel/agency to see the day to day compliance of consent & authorization condition towards Environment Protection.
- 8) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 9) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the HCE.
- 10) You shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.

- 11) You should not cause any nuisance in surrounding area. You shall maintain good housekeeping.
- 12) You shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 13) You shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 3^{1st} March of the year and number of trees planted by September end.
- 14) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 15) You shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. You will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 16) You shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site)
- 17) You shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended
- 18) You shall submit official e-mail address and any change will be duly informed to the MPCB.
- 19) You shall observe provisions of E-waste and Battery Waste Rules
- 20) An inspection book shall be opened and made available to the Board's officers during their visit to the HCE.

Schedule-V

Category and Quantity of Biomedical Waste

The authorization is granted for collection, storage, transportation, treatment and disposal of Bio-Medical Waste (BMW) from the HCEs in their jurisdiction as per clause 13 of this authorization. The waste categories and quantities listed here in below :

Sr. No	Category	Description	Quantity not to exceed	UOM	Segregation Colour coding	Treatment & Disposal
1	Cat-1	Human Anatomical waste	3500	Kg/M	Yellow	Incineration
2	Cat-2	Animal waste	900	Kg/M	Yellow	Incineration
3	Cat-3	Microbiology & Biotechnology Waste	600	Kg/M	Yellow	Incineration
4	Cat-4	Waste Sharps	3150	Kg/M	Blue/ white translucent	Disinfection by chemical treatment/ autoclaving and mutilation/ shredding. Hand over to MPCB authorized metal recyclers.
5	Cat-5	Discarded Medicines and Cytotoxic drugs	Nil	Kg/M	Yellow	Incineration / destruction and drug disposal in secured landfill at CHWTSDF.
6	Cat-6	Soiled Waste	3600	Kg/M	Yellow	Incineration
7	Cat-7	Solid Waste	9000	Kg/M	Red	Disinfection by chemical treatment or autoclaving and shredding. Hand over to MPCB authorized plastic recyclers.
8	Cat-9	Incineration Ash	1200	Kg/M	Black	CHWTSDF for secured landfill.

Bank Guarantees

Statement of conditions to be complied and Bank Guarantee imposed to ensure timely compliance to be observed by M/s. Passco Environmental Solution Pvt. Ltd., Pimpri.

Sr. No.	Activity / Condition to be Complied	Compliance Timeline (Months)	Bank Guarantee Amount (Rs.)
I (A)	Operation and Maintenance		
1	To achieve temperature of Primary and Secondary chamber of Incinerator	Continuous	1,00,000
2	To Operate and maintain Air Pollution Control Device(s) to achieve prescribed Stack emissions (e.g. Particulate Matter, HCL, NO _x , VOC)	Continuous	1,00,000
I (B)	Records		
1	To Maintain records of BMW and submission of Annual Report in Form - II before 31st January	Continuous	25,000
2	To maintain records of HW material delivered to CHWTSDF	Continuous	25,000
II	Performance		
1	To provide Separate BMW storage facility	Six	75,000
2	To provide Automatic BMW feeding system	Six	75,000
3	To provide PLC based online temperature monitoring system	Six	1,00,000
4	To provide Graphical Temperature, Pressure & Time recording system	Six	50,000
		Total,	5,50,000/-
Rupees Five Lakh Fifty thousand only			
Note: You shall submit the above B.G. valid upto the validity of the said CCA + 4 months additional			

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