

represented by its Authorized Signatory and M/S **ST JOHNS MEDICAL COLLEGE HOSPITAL** having It's hospital At Sarjapura Road, Kormanagala, Bangalore - 560034, Mobno: 7899914437., Email; clarammap@stjhons.in., Here in after refers as M/s **ST JOHNS MEDICAL COLLEGE HOSPITAL** here by agreed and come to the Memorandum of Understanding on this 8th Day of April month year 2025 as detailed below:

- a. M/s. **Maridi Bio Industries Pvt Ltd.** with consent from Karnataka State Pollution Control Board is having a common treatment facility for Managing Bio-Medical Waste in Bangalore rural district at 36th Mil, Stone, and Kanakapura Road. The facility is having a state of art Autoclave system along with the shredder and Incinerator.
- b. M/s **ST JOHNS MEDICAL COLLEGE HOSPITAL** its bio-medical waste, properly packed in color-coded bags as per pollution control Board regulations for treatment and final disposal to M/s. **Maridi Bio Industries Pvt Ltd.** The waste should be given at one single point by the M/s. **ST JOHNS MEDICAL COLLEGE HOSPITAL** has at given time of M/s. **Maridi Bio Industries Pvt Ltd.** Vehicle.
- c. M/s. **Maridi Bio Industries Pvt Ltd.** will charge a price of Rs.11.00(Rupees Eleven only)-per bed per day for unlimited quantity (GST Extra as applicable) as agreed for collection, transportation, treatment and final disposal of biomedical waste. This Price will be fixed for a period of three (3) years from the date of this agreement and thereafter there will be discussion on both parties for further agreement renewal.
- d. M/s. **ST JOHNS MEDICAL COLLEGE HOSPITAL** will not enter into any agreement with any other party or organization for the waste treatment and disposal unless cancel of this agreement.
- e. M/s. **ST JOHNS MEDICAL COLLEGE HOSPITAL** has **1350(One thousand three hundred and fifty)** Number of beds. The exact number of beds will be taken from the declaration given to the state authorities.
- f. M/s **ST JOHNS MEDICAL COLLEGE HOSPITAL** is assuring that payment should be made through Account Payee cheque/RTGS/NEFT/Online Payment In favour of M/s. **Maridi Bio Industries Pvt Ltd.** on or before 15th of every month.
- g. If the generator by virtue of any reason fail to make the payment within 15 days of submission of bills. "Maridi Bio Industries Pvt Ltd" shall charge a late payment fee of Rs.20 per day.
- h. In case of non-receipt of payment on the agreed date from M/s. **ST JOHNS MEDICAL COLLEGE HOSPITAL** **Maridi Bio Industries Pvt Ltd.**, will stop the collection of waste immediately with intimation to Karnataka State Pollution Control Board. The delayed payments will be collected with an interest of 18% per annum.



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- i. M/s. **Maridi Bio Industries Pvt Ltd.** will collect medical waste **Daily (except Sunday)** and treat the waste as per the regulations. M/s. **Maridi Bio Industries Pvt Ltd.** will not collect any waste that is not segregated or not properly packed. M/s. **Maridi Bio Industries Pvt Ltd.** will not collect general garbage.
- j. In case of amputated body parts, **ST JOHNS MEDICAL COLLEGE HOSPITAL** shall ensure that the same are properly packed in yellow bags only and the Hospitals must give a declaration letter regarding the amputation carried out failing which, Maridi shall not collect that waste.
- k. M/s. **Maridi Bio Industries Pvt Ltd.** will issue a proof of waste collection from M/s. **ST JOHNS MEDICAL COLLEGE HOSPITAL** as per your declaration in the application form. This will help the individual hospital for getting compliance with the State Pollution Board. The individual hospital/ Nursing home can take their Authorization from the pollution control board by informing the board that M/s **Maridi Bio Industries Pvt Ltd.** treats their waste (The same has to be mentioned in the Authorization Form).
- l. Maridi is responsible only for the quantity of waste handed over to them by **ST JOHNS MEDICAL COLLEGE HOSPITAL** not for all the waste generated at the hospital/clinic/center/diagnostic etc.
- m. In case Maridi fail to collect the BMW within a time frame as per agreement due to any reason. The generator shall inform "Maridi Bio Industries Pvt Ltd" who shall insure to collect the BMW from the premises of the generator within the next 24 hours of the intimation.
- n. M/s **Maridi Bio Industries Pvt Ltd.**, will maintain their plant in good running condition all the time and ensure continuity of service as per agreed with your hospital.
- o. This Memorandum of understanding is entered into on the express understanding that M/s **Maridi Bio Industries Pvt Ltd.** will maintain and run the facilities and collect transport and treat the waste at their plant strictly in accordance with the consent of the Karnataka State Pollution Control Board and it shall be the responsibility to obtain the consent and keep the same always current.
- p. In case of violation of any of the agreed condition of the MOU by either side. Issue of notice may terminate this MOU three months in advance by either party for terminating their respective obligations.
- q. All disputes to this understanding are subject to the Jurisdiction of the court in Bangalore only.
- r. This Agreement is effective from **01.03.2025 to 28.02.2028.**



For M/S Maridi Bio Industries Pvt Ltd

Authorized Signatory

For M/S ST JOHNS MEDICAL COLLEGE HOSPITAL

Authorized Signatory



ANNEXURE

SCHEDULE I

[See rules 3 (e), 4(b), 7(1), 7(2), 7(5), 7 (6) and 8(2)]

Part-1

Biomedical wastes categories and their segregation, collection, treatment, processing and disposal options

Category	Type of Waste	Type of Bag or Container to be used	Treatment and Disposal op
(1)	(2)	(3)	(4)
Yellow	(a) Human Anatomical Waste: Human tissues, organs, body parts and fetus below the viability period (as per the Medical Termination of Pregnancy Act 1971, amended from time to time).	Yellow coloured non-chlorinated plastic bags	Incineration or Plasma Pyro deep burial*
	(b) Animal Anatomical Waste : Experimental animal carcasses, body parts, organs, tissues, including the waste generated from animals used in experiments or testing in veterinary hospitals or colleges or animal houses.		
	(c) Soiled Waste: Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs and bags containing residual or discarded blood and blood components.		Incineration or Plasma Pyro deep burial*. In absence of above fa autoclaving or micro hydroclaving followed by shred mutilation or combinatio sterilization and shredding. waste to be sent for energy reco
	(d) Expired or Discarded Medicines: Pharmaceutical waste	Yellow coloured non-chlorinated	Expired cytotoxic drugs and contaminated with cytotoxic

	like antibiotics, cytotoxic drugs including all items contaminated with cytotoxic drugs along with glass or plastic ampoules, vials etc.	plastic bags or containers	to be returned back to manufacturer or supplier incineration at temperature $^{\circ}\text{C}$ or to common bio-medical treatment facility or hazardous waste treatment, storage and disposal facility for incineration $>1200^{\circ}\text{C}$. Or Encapsulation Plasma Pyrolysis at $>1200^{\circ}\text{C}$. All other discarded medicines be either sent back to manufacturer or disposed by incineration.
	(e) Chemical Waste: Chemicals used in production of biological and used or discarded disinfectants.	Yellow coloured containers or non-chlorinated plastic bags	Disposed of by incineration Plasma Pyrolysis or Encapsulation in hazardous waste treatment storage and disposal facility.
	(f) Chemical Liquid Waste : Liquid waste generated due to use of chemicals in production of biological and used or discarded disinfectants, Silver X-ray film developing liquid, discarded Formalin, infected secretions, aspirated body fluids, liquid from laboratories and floor washings, cleaning, house-keeping and disinfecting activities etc.	Separate collection system leading to effluent treatment system	After resource recovery, chemical liquid waste shall be treated before mixing with wastewater. The combined discharge shall conform to discharge norms given in Schedule III.
	(g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	Non-chlorinated yellow plastic bags or suitable packing material	Non-chlorinated chemical disinfection followed incineration or Plasma Pyrolysis for energy recovery. In absence of above facilities shredding or mutilation or combination of sterilization and shredding. Treated waste to be sent for energy recovery or incineration or Plasma Pyrolysis.
	(h) Biotechnology Microbiology, and other	Autoclave safe plastic bags or	Pre-treat to sterilize with non-chlorinated chemicals on-site as per

	<p>clinical laboratory waste: Blood bags, Laboratory cultures, stocks or specimens of micro-organisms, live or attenuated vaccines, human and animal cell cultures used in research, industrial laboratories, production of biological, residual toxins, dishes and devices used for cultures.</p>	containers	National AIDS C Organisation or World H Organisation guidelines ther for Incineration.
Red	<p>Contaminated Waste (Recyclable) (a) Wastes generated from disposable items such as tubing, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles and <i>fixed needle syringes</i>) and vaccutainers with their needles cut) and gloves.</p>	Red coloured non-chlorinated plastic bags or containers	<p>Autoclaving or micro-wa hydroclaving followed by shreddi mutilation or combination sterilization and shredding. Tre waste to be sent to registerec authorized recyclers or for en recovery or plastics to diesel or fue or for road making, whichever possible.</p> <p>Plastic waste should not be sent landfill sites.</p>
White (Transluce nt)	<p>Waste sharps including Metals: Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes both used, discarded and contaminated metal sharps</p>	Puncture proof, Leak proof, tamper proof containers	<p>Autoclaving or Dry H Sterilization followed by shreddi or mutilation or encapsulation metal container or cement concre combination of shredding cu autoclaving; and sent for fir disposal to iron foundries (havi consent to operate from the Sta Pollution Control Boards Pollution Control Committees) (, sanitary landfill or designate concrete waste sharp pit.</p>
Blue	<p>(a) Glassware: Broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes.</p>	Cardboard boxes with blue colored marking	<p>Disinfection (by soaking th washed glass waste after cleanin with detergent and Sodium Hypochlorite treatment) or throug autoclaving or microwaving o hydroclaving and then sent fo recycling.</p>

	(b) Metallic Body Implants	Cardboard boxes with blue colored marking	
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