



GOVERNMENT OF KERALA

Abstract

Local Self Government Department – Guidelines for Licensing Poultry Meat Stalls and Poultry Waste Rendering Plants – Approved - Orders Issued.

LOCAL SELF GOVERNMENT (WM) DEPARTMENT

GO(Ms.) No. 227/2021/LSGD

Dated, Thiruvananthapuram 07.10.2021

Read :- Letter No. 3796/C1/2018/SM dated 16.09.2021 from Executive Director, Suchitwa Mission.

ORDER

Several incidents have come to notice of illegal dumping of chicken waste by the wayside. It is seen that some unlicensed operators have also been responsible for illegal dumping of chicken waste. In the circumstances a clear policy framework to deal with the issues arising out of inappropriate management of chicken waste is required.

2. The Executive Director, Suchitwa Mission vide letter read above has submitted a draft Guidelines for Licensing Poultry Meat Stalls and Poultry Waste Rendering Plants. The guidelines is an effort to control the activity of waste dumping, encourage formal chicken rendering units, establish clear responsibility of waste generators and other stakeholder and establish clear monitoring system.

3. Government have examined the matter in detail and are pleased to approve the Guidelines for Licensing Poultry Meat Stalls and Poultry Waste Rendering Plants, enclosed as Annexure to this Government Order.

By order of the Governor,
Sarada Muraleedharan IAS,
Additional Chief Secretary.

To

The Executive Director, Suchitwa Mission.
The Member Secretary, Kerala State Pollution Control Board.
The Principal Director, Local Self Government Department.
The Director of Urban Affairs, Thiruvananthapuram.
The Director of Panchayats, Thiruvananthapuram.
The Principal Accountant General (A&E), Kerala, Thiruvananthapuram.
The Accountant General (Audit I) / (Audit II), Kerala, Thiruvananthapuram.
The Law Department.
The Executive Director, Information Kerala Mission, Thiruvananthapuram.
The Information Officer, I&PRD (web & New Media)
Stock File / Office Copy.

Forwarded By order


Section Officer

Copy to :- PS to Minister LSGD
PA to Additional Chief Secretary, LSGD
CA to Special Secretary, LSGD

**GUIDELINES FOR LICENSING
POULTRY MEAT STALLS AND POULTRY
WASTE RENDERING PLANTS**

1. BACKGROUND

Kerala state has more than 16,000 poultry stalls where around 18 lakh poultry are slaughtered and sold daily and it is estimated that about 1,080 TPD of poultry waste is produced. Though there are a number of units in the state for rearing, processing and selling poultry meat, very few have the facility for scientific processing and sale of meat. Also, the waste generated as a part of such unscientific processing, is not being properly managed and this often ends up in polluting the environment and affecting human health.

Poultry farms and some poultry meat processing units resorted to biogas plants to treat their poultry related wastes. But since anaerobic digestion took time and some waste materials like feathers could not be processed in the system, alternate technologies were searched for, which later led to the acceptance of rendering technology which could process all poultry wastes including feathers. This then led to the setting up of poultry waste rendering plants in the State, majorly in the private sector. At present, there are 12 rendering units having an overall capacity of 372 TPD and setting up of more plants are in the pipeline. But the waste generated are collected by unauthorized agencies for the purpose of usage in farms and generally found dumped at public lands, streams and rivers. Presently there is no mechanism to ensure that the waste generated at Poultry stalls/slaughtering units are properly collected, safely transported and scientifically treated at these facilities. Also the operation of such facilities based on the quantum of waste generated is not regulated in the State.

Poultry Meat Stalls and Rendering plants are governed by the following legislations;

- **The Kerala Panchayat Raj (Issue of License to Industries, Factories, Trade, Entrepreneurship Activities and Other Services) Rules, 2011** pertains to issuing trade licence to Poultry Stalls and Rendering Plants in Grama Panchayats.
- **The Kerala Municipality (Issue of License to Industries, Factories, Trade, Entrepreneurship Activities and Other Services) Rules, 2011** pertains to issuing licenses to Butcher's fishmonger's and poulterer's.
- **Food Safety and Standards Act 2006**, Section 31(1) & 31(2)) defines that no person shall commence or carry on any food business except under a licence and shall apply to a petty manufacturer who himself manufactures or sells any article of food or a petty retailer, hawker, itinerant vendor or a temporary stall holder or small scale or cottage or such other

industries relating to food business or tiny food business operator; but they shall register themselves with such authority and in such manner as may be specified by regulations, without prejudice to the availability of safe and wholesome food for human consumption or affecting the interests of the consumers.

- **Food Safety and Standards (Licensing and Registration of Food Businesses), Regulations 2011** - lays down the regulations for registration/licensing of Food Business Operators including Poultry Meat Stalls.
- **Food Safety and Standards (Food Products Standards and Food Additives) fifteenth Amendment Regulation, 2018** - The standards specified in clause 11 of these regulations shall apply to Fresh or Chilled or Frozen Poultry Meat including poultry whole carcasses, pieces, cuts or edible offal that have been packed in any suitable packaging material.
- **IS 7049:1973 Code for handling, processing, quality evaluation and storage of poultry issued by Bureau of Indian Standards** -lays down guidelines for efficient handling, processing, quality evaluation and cold storage of poultry.
- **Prevention of Cruelty to Animals (Slaughter House) Rules, 2000 (Section 3, Section 8, Section 9)** sub-sections (1) and (2) of section 38 states that “No person shall slaughter any animal within a municipal area except in a slaughterhouse recognised or licensed by the concerned authority empowered under the law for the time being in force to do so.
- **Solid Waste Management Rules 2016-** pertains to management of solid waste generated in poultry meat stalls
- **Revised Comprehensive Industry Document on Slaughter Houses, 2017 published by Central Pollution Control Board-** lays down the general requirements for rendering plants.
- **Standard Operating Procedure for Rendering Plants’ issued by Kerala State Pollution Control Board-** pertains to guidelines for operation of Rendering plants in the State.

Even though various rules and regulations are issued for the operation of Poultry meat stalls and rendering plants for scientific management of waste, there are a lot of gaps in the system for regulating poultry meat sale, transport of poultry waste and its scientific processing. It is necessary that comprehensive guidelines be issued in compliance with the Central and State legislations to regulate the processing and sale of poultry meat and management of poultry waste generated. The following guidelines are issued in addition to the conditions laid down under various Acts, Rules

and regulations for regulating the operation of Poultry Meat Stalls and Poultry Waste Rendering Plants in the State. Nothing in these guidelines is intended to contravene provisions of any existing Government regulations.

1. OBJECTIVE

These guidelines are intended to;

- Standardize facility requirement, procedure for licensing and operation of Poultry Meat Stalls in all Local bodies in the State. The provisions of the guidelines shall be complied for issuance of licence for new poultry meat stalls. These guidelines shall be applicable to existing licensed poultry stalls only while during renewal of license.
- Regulate the approval, licensing and operation of Poultry waste rendering plants in the State based on the quantity of waste generated. A District Level Facilitation and Monitoring Committee (DLFMC) with structure specified in this guideline shall be constituted in each district to regulate the approval of proposed/existing rendering plants.
- Develop a monitoring mechanism in the State for the implementation of these regulations

2. DEFINITION

In these guidelines unless the context otherwise requires,-

- 1) "Poultry" means live birds of domestic fowls, turkeys, geese, ducks, guinea-fowls, pheasants and quails;
- 2) "Poultry meat Stall" means shops, outlets, other business places intended for slaughter, handling and sale of Poultry meat.
- 3) "Rules" means the Kerala Municipality (Industries, Factories, Trade, Entrepreneurship and other Services) Rules 2011 or Kerala Panchayat (Industries, Factories, Trade, Entrepreneurship and other Services) Rules 2011 as the case may be.
- 4) "Secretary" means the Secretary of a Municipality/Municipal Corporation/ Grama Panchayat.

3. LICENSE FOR POULTRY MEAT STALLS

- a) No person shall be permitted for slaughtering poultry in the Poultry Meat Stalls except that with a licence in Form 2 of the Rules issued by the Secretary or the person

authorised by the Secretary. The fee for grant of licence shall be as specified in the Rules.

b) Application for running poultry meat stall should be submitted to the Secretary along with the documents mentioned below:-

1. Layout plan of poultry stall showing
 - i. clear demarcation between dirty area and clean area
 - ii. each area such that no birds are killed in the vicinity of other birds
 - iii. clear distance of 10 metres from nearest residential buildings
 - iv. drainage and location of septic tank and soak pit
 - v. installation of fly catchers/insect control measures
2. Process flow diagram with list of machines/equipment for processing. If mechanical process is involved.
3. Documents to prove the ownership of land, i.e. Certificate /Tax receipt /lease agreement for proving ownership of the building.
4. NOC/Consent to operate from Kerala State Pollution Control Board.
5. Registration/License from FSSAI as per norms. (In case it is not possible to produce FSSAI license at the time of submitting application, the applicant should produce FSSAI license within 2 months from the date of obtaining licence under these guidelines and a declaration in this regard shall be submitted).
6. Health certificates of the butcher/s obtained from a registered medical practitioner.
7. Copy of agreement with licensed rendering units for waste management or the details of the waste disposal method to be adopted by the applicant. The waste disposal method to be adopted by the applicant must be in accordance with PCB guideline.

4. PROCEDURE TO BE FOLLOWED BY THE SECRETARY WHILE PROCESSING APPLICATION FOR POULTRY MEAT STALLS

On receipt of the application, if any supporting document is missing with the application, the Secretary or Officer authorized by him shall immediately inform the applicant and allow the applicant to submit the missing document at the earliest, but not later than three days from the date of receipt of application. On filing the application in full, the Secretary or the Officer authorised by him shall issue an acknowledgement to the applicant with the date of inspection not exceeding 7 working days. Secretary or the Officer

authorized by him shall visit the premises at the time fixed for inspection and shall verify that following compliances have been met:

Poultry meat stall shall consist of the following infrastructure facilities: -

- a. Separation of clean and dirty areas. Clean areas include cutting, packing and chilling. Dirty areas include bird storage, slaughtering area, bleeding area, evisceration area and washing area
- b. Separation of live bird area and slaughter area, so that no bird shall be killed in the vicinity of other live birds.
- c. Separate rooms/space/provision shall be provided for the following operations: -
 - Live poultry receiving and holding area: Facilities should be provided for washing and disinfection of Coops.
 - Meat preparation room: - The preparation room shall be ventilated and cool. Screened ventilators shall be provided near the ceiling for facilitating cross-ventilation. An electric fan and an exhaust fan may preferably be provided inside the preparation room. Care shall be taken that no direct sunlight falls on the dressed carcasses. The room shall suitably be made fly proof and provided with fly-traps. Clear space shall be marked for the following process.
 - Slaughter and bleeding.
 - Feather removal.
 - Evisceration, chilling and packing.
 - Inedible products storage:- closed containers for the storage of feathers and inedible waste products, prior to transport to rendering plants or other waste disposal system.
 - Sales counter
- d. Weighing scales used shall preferably be of a type which obviates unnecessary handling and contamination and the pan of the scale and shall be made of stainless steel or nickel coated.
- e. Equipment used shall be made of either stainless steel, galvanized iron and use containers made of non-toxic material for storage.
- f. Net or screen fitted doors, windows and other openings to prevent entry of insects

- g. Other facilities like those of toilets and arrangement for hand washing shall also be provided.
- h. If bulk quantities are intended to be processed, poultry meat may be stored either under refrigeration, or frozen as per FSSAI norms
- i. Temporary storage facility (refrigerated) for daily waste produced if storage is more than 12 Hours.
- j. The main services such as potable water supply, electricity and proper sewage disposal facilities are essential prerequisites and shall be made available.
- k. Following pollution control measures shall be provided;
 - For wastewater disposal:
 - Up to 200 birds/per day capacity - Septic tank and soak pit system.
 - Above 200 birds/ per day capacity - Effluent Treatment Plant
 - For solid waste (other than slaughter waste) disposal: Compost/Manure Pit or any other solid waste treatment system
 - For slaughter waste disposal: Agreement with licensed/authorized rendering plants existing within the district. If rendering plants are not available in the district, agreement shall be made with the rendering plants available in the nearby district or waste treatment system adopted by the licensee as per PCB guideline.
- l. Poultry meat stall shall have necessary arrangements for keeping following operational records
 - a. Daily stock log/register
 - b. Daily sales log/register
 - c. Manifest for handing over waste generated daily

5. **ISSUANCE OF LICENSE TO POULTRY MEAT STALLS**

- i. After the inspection, if the compliances are found satisfactory, license shall be issued subject to the payment of fee as per the Rules. On inspection if it is found that, the requirements as specified in the guidelines are not complied, the Secretary shall guide the Poultry Meat Stalls Operator/ applicant on necessary steps to be taken or changes or alteration to be made in the premises in order to ensure general sanitary and hygienic conditions and other terms as prescribed in the guidelines. The applicant shall carry out the required steps, changes or

alterations and inform the Secretary within 10 days or such period as may be allowed by the Secretary.

- ii. Within a period of 10 days from receipt of an inspection report excluding the time taken by the applicant in complying with the advice, if any, given in the inspection report and verification thereof, the Secretary concerned shall consider the application and may either grant license or reject the application. Provided that before refusing license, an applicant shall be given an opportunity of being heard and the reasons for refusal shall be recorded in writing.
- iii. After the inspection, if the compliances are found satisfactory, the Secretary shall issue a License in Form 2 in the Rules, a true copy of which shall be displayed at a prominent place at all times within the premises of poultry meat stalls.
- iv. Periodical inspection shall be conducted by the Secretary or the Officer authorized by him to ensure that compliances are adhered to by the licensed Poultry Meat Stalls. In case of non-compliance, the Secretary shall take appropriate actions as per the provisions of Kerala Panchayat Raj Act and Kerala Municipality Act.
- v. Poultry meat stalls which are already obtained a license shall meet the compliances as specified in this guideline within 3 years of the commencement of the guideline.

6. SANITARY AND HYGIENIC REQUIREMENTS FOR POULTRY MEAT STALLS

The place where poultry is slaughtered, processed or handled shall comply with the following requirements:

- i. The premises shall be free from filthy surroundings and shall maintain an overall hygienic environment. The premises shall be clean, adequately lighted and ventilated and sufficient free space for movement.
- ii. Floors, Ceilings and walls must be maintained in a sound condition. They should be smooth and easy to clean with no flaking paint or plaster. The floor and walls shall be washed as per requirement with an effective disinfectant. The premises shall be kept free from all insects. Windows, doors and other openings shall be fitted with net or screen, as appropriate to make the premise insect free.
- iii. All equipment shall be kept clean, washed, dried and stacked at the close of business to ensure freedom from growth of mould/ fungi and infestation. There should be an efficient drainage system and there shall be adequate provisions for disposal of refuse. Separate waste bins should be provided in the poultry meat stalls to keep waste generated from it.

The slaughter waste generated from the poultry meat stalls should be handed over to the Rendering plant on a daily basis. An agreement for this purpose shall be executed with the Rendering plant operators, if applicable.

- iv. The workers working in slaughtering and processing shall use clean aprons, hand gloves, and head wears.
- v. Persons suffering from infectious diseases shall not be permitted to work. Any cuts or wounds shall remain covered at all times and the person should not be allowed to come in direct contact with meat.
- vi. Potential sources of contamination like rubbish, waste water, toilet facilities, open drains and stray animals shall be avoided.
- vii. Refrigerator/Freezer should be cleaned at least once a week to remove stains, ice particles and food particles. The temperature in the fridge should be in the range of 4°C - 6°C.

7. FRAMEWORK FOR REGULATING OPERATION OF POULTRY WASTE RENDERING PLANTS.

Constitution of District Level Facilitation and Monitoring Committee

District Level Facilitation and Monitoring Committee (*hereinafter referred to as DLFMC*) shall be constituted in each district to regulate the operation of Poultry Waste Rendering Plants (*hereinafter referred as Rendering Plants*) based on quantum of waste generated and to ensure that such facilities are meeting the prescribed design and standards of operation within the respective district/area of jurisdiction

The structure of the committee shall be as follows;

- District Collector-*Chairman*
- District Co-ordinator, Suchitwa Mission - *Convener*
- District Co-ordinator, Haritha Keralam Mission- *Member*
- Regional Joint Director(Urban) in charge of the district - *Member*
- Deputy Director of Panchayats- *Member*
- Representative of Kerala State Pollution Control Board- *Member*
- Representative from Food Safety Department - *Member*
- Technical expert nominated by Suchitwa Mission - *Member*

Conditions precedent to grant license to rendering plant

- a. Every New/Existing rendering plant shall obtain approval from the DLFMC in addition to the existing statutory compliances approvals.
- b. After the commencement of this guideline every person intended to set up new rendering plants shall obtain prior approval from DLFMC before obtaining building permit.
- c. Every person having Existing/functional rendering plants shall obtain approval from DLFMC within 3 months or 30 days before expiry of valid license issued from LSGI whichever is earlier from the date of issue of these guidelines
- d. The application to obtain approval (New/Existing/Renewal)for rendering plant shall be submitted to the Convenor, DLFMC in prescribed format as per **Annexure – I** along with the documents mentioned below;
 - a. Company/Agency profile
 - b. Technical details of the plant including machine layout with capacity including details of odour control system
 - c. 2 sets of detailed drawings of plant building including plot layout
 - d. Copy of consent to establish certificate from KSPCB
 - e. Working Plan
 - f. Copy of documents to prove the ownership of land, i.e. Certificate /Tax receipt /lease agreement for proving ownership of the building.
 - g. Building permit (in the case of buildings already under construction)

Additional documents required for existing/functional rendering plants

- h. Copy of valid license issued by LSGI
- i. Copy of valid Consent to Operate certificate from KSPCB
- j. Log/register of quantity of waste collected and treated for last one year
- e. On receipt of the application, if any supporting document is missing with the application, the Convenor shall immediately inform the applicant and allow the applicant to submit the missing document at the earliest but not later than three days from the date of receipt of application. On filing the application in full, the Convenor shall issue an acknowledgement to the applicant.
- f. DLFMC shall verify the application received and shall issue approval within 15 days considering the following criteria;

- a. The process flow of rendering plant shall be as specified in the '**Revised Comprehensive Industry Document on Slaughter Houses published by Central Pollution Control Board**' comprising of batch cooker, boiler, condenser, odour control systems etc.
- b. The proposal complies with the provisions stipulated in the '**Standard Operating Procedure for Rendering Plants**' issued by Kerala State Pollution Control Board from time to time.
- c. Total treatment capacity including that of the existing rendering plants functioning within the district, shall not exceed the actual capacity requirement as specified in the SOP issued KSPCB.
- d. Subserviced areas within a district are covered.
- g. The approval issued by DLFMC shall be valid for a period of three years.
- h. The approval obtained from DLFMC shall be renewed for further operation once in three years or the time at which DLFMC desires for a revision in the approval whichever is earlier.
- i. For renewal of approval, if there is no change in ownership, capacity of treatment, service area the application shall be submitted only along with the additional documents mentioned in the list of documents to be submitted and if it is the other case, a fresh application along with the prescribed documents shall be submitted.

8. **LICENSING PROCEDURE FOR RENDERING PLANTS BY LOCAL SELF GOVERNMENT INSTITUTIONS**

The Authority to issue the license to rendering plants will be the Secretary of the Local Self Government or the person authorised by him in whose jurisdiction the facility is set up. The license to Rendering Plants shall be issued as per the provisions of the Kerala Panchayat Raj Act and Kerala Municipality Act.

- a. Application to obtain license for rendering plant shall be submitted to the Secretary along with the documents mentioned below:-
 - i. Approval from **DLFMC** that the plant is meeting the prescribed design and standards for operation within the respective district. The applicant shall obtain the approval/certification from DLFMC prior to the submission of application for license from Local Self Government Institutions.

- ii. Documents to prove ownership or lease deed.
 - iii. Copy of valid Consent to Operate certificate from KSPCB
 - iv. Certificate from the Inspector of the Factories or Industrial Extension Officer.
 - v. Site plan (duly demarcate the Educational Institutions, Places of Worship and Residential Buildings within 100 m)
- b. On receipt of the application, the Secretary or the Officer authorised by him shall issue an acknowledgement to the applicant. If any supporting document is not found, the Secretary or the Officer authorized by him shall immediately inform the applicant in writing, the list of missing documents and allow the applicant to submit the missing document but not later than 5 days.
- c. After the inspection, if the compliances are found satisfactory, license shall be issued subject to the payment of fee as per the Rules. On inspection if it is found that, the requirements as specified in the guidelines are not complied, the Secretary shall guide the Rendering Plant Operator/ applicant on necessary steps to be taken or changes or alteration to be made in the premises in order to ensure general sanitary and hygienic conditions and other terms as prescribed in the guidelines. The applicant shall carry out the required steps, changes or alterations and intimate the Secretary within 15 days or such period as may be allowed by the Secretary.
- d. Within a period of 15 days from receipt of an inspection report excluding the time taken by the applicant in complying with the advice, if any, given in the inspection report and verification thereof, the concerned Secretary shall consider the application and may either grant license or reject the application. Provided that before refusing a license, an applicant shall be given an opportunity of being heard and the reasons for refusal shall be recorded in writing.
- e. After the inspection, if the compliances are found satisfactory, the Secretary shall issue a License in Form 2 in the Rules, a true copy of which shall be displayed at a prominent place at all times within the premises of the Rendering Plant.
- f. Periodical inspection shall be conducted by the Secretary or the Officer authorized by him to ensure that compliances are adhered to by the licensed Rendering Plants. In case of non-compliance, the Secretary shall take appropriate actions as per the provisions of Kerala Panchayat Raj Act and Kerala Municipality Act.

9. **PUNISHMENTS TO ILLEGAL COLLECTION, TRANSPORTATION AND DUMPING OF POULTRY WASTE**

Illegal collection transportation and dumping of poultry slaughter waste etc shall be punished under the provisions of Kerala Panchayat Raj Act,1994; Kerala Municipalities Act,1994; Solid Waste management Rules, 2016 and Kerala Irrigation & Water Conservation (Amendment) Act, 2018, as amended on 03.07.2018.

10. **MANAGEMENT OF BIRDS DEAD DUE TO CONTAGIOUS DISEASES OR CALAMITIES**

- In case of an outbreak of contagious diseases or calamities, which may cause large scale death of poultry birds, all dead birds in numbers more than 20, should be disposed of through rendering plants only.
- Secretary of the LSGI concerned shall report such cases to the Convenor, DLFMC at the earliest.
- DLFMC shall consult with licensed rendering plants available at the nearest location to treat and dispose of dead birds by levying a tipping fee fixed by DLFMC.
- Rendering plant operators shall ensure that all the employees engaged in the plant as well collection use special PPE if any required.
- Records of dead birds collected and treated shall be maintained by the rendering plant operators and the same shall be reported to DLFMC.

11. **ROLES AND RESPONSIBILITIES OF VARIOUS STAKEHOLDERS**

i. **Local Self Government Institutions**

Local Self Government Institutions shall;

- a. issue licence to poultry meat stall and rendering plants as per the provisions of these guidelines
- b. Regulate all illegal poultry slaughtering
- c. Regulate illegal collection, transportation and dumping of poultry waste and penalize the defaulters as per the legal provisions
- d. facilitate poultry stall owners to enter into agreement with rendering plants as per the direction and approval of DLFMC
- e. bring to the notice of DLFMC/KSPCB regarding non-collection of waste by authorized rendering plants if any

- f. Collect and maintain records from the Poultry Stall Owners/Poultry Processing Owners regarding the number of birds purchased, processed and sold by them, quantity of waste collected, transported, processed and disposed by them etc and maintain these records.

ii. Kerala State Pollution Control Board

Kerala State Pollution Control Board shall;

- a. issue NOC/Consent to Operate to only those poultry meats stalls that follow strict hygiene and having own solid-liquid waste treatment facilities or an agreement with poultry waste rendering units
- b. prepare and publish Standard Operating Procedure (SOP) for (collection, storage, transportation and processing of poultry waste) Rendering plants in the State from time to time
- c. ensure that the rendering plants operators are following the SOP through periodical inspection and submit quarterly reports to DLFMC
- d. bring to the notice of DLFMC, any case of non-compliance of SOP by approved rendering plants
- e. Issue consent to operate only to those rendering units which comply with the prevailing SOP and guidelines issued by agencies concerned.
- f. Ensure that the rendering plants manage the wastewater generated by them through Effluent Treatment Plants.
- g. Ensure that the rendering plants maintain proper records of all their activities including number/quantity processed, quantity of wastes managed, extent of treatment done etc.
- h. Ensure that rendering plants have odour control systems should have condenser, scrubber and bio filter.
- i. Ensure that in a rendering plant the odour ducting mechanism shall be in place, so that odour from cooked material should not spread outside.

iii. District Level Facilitation and Monitoring Committee

District Level Facilitation and Monitoring Committee shall;

- a. issue approval/NOC to rendering plants within a district and publish list of approved rendering plants on a regular basis

- b. fix maximum tipping fee that can be levied by the rendering units accepting wastes for processing within the district based on the following parameters from time to time;
 - a. Number of poultry meat stalls and quantum of waste processed
 - b. Operational expenses of the Plant
 - c. Transportation expenses
 - d. Geography of the district (spatial data)
- c. Intervene if any social issues related to functioning of rendering plants arise.

iv. Food and Safety Department

Food and Safety Department shall;

- a. issue registration/license to poultry meat stalls as per FSSAI norms.
- b. conduct periodical inspections at poultry meat stall to ensure that such facilities are functioning as per the compliances
- c. ensure that all the hotels and restaurants keep a register in which the details of the person/institution/ (with their FSSAI license) from whom they purchase poultry meat.
- d. ensure that hotels and restaurants purchase poultry meat from licensed poultry meat stalls only.
- e. shall ensure the Food Safety Training and Certification (FoSTaC) of Poultry Meat Stalls.

v. Poultry Stall Owners

Poultry Stall Owners shall;

- a. ensure that poultry intended for slaughtering should be clean and in good health.
- b. ensure that poultry held in storage sheds should be provided adequate ventilation and climate control such as fans or curtains.
- c. ensure that when the poultry is reared specifically for human consumption and they therefore at some stage have to be slaughtered, they should be slaughtered in a humane manner.
- d. strictly adhere to the FSSAI guidelines and other legislations to ensure that the meat is processed scientifically, stored hygienically and that the waste is stored, transported and treated scientifically.

- e. strictly adhere to the Standard Operating Procedures of Kerala State Pollution Control Board (KSPCB) in handling and storage of poultry slaughter waste
- f. shall enter into an agreement with authorized rendering plant owner for daily removal /collection of the waste and shall strictly abide by the protocol for storage, collection, transportation and processing of solid waste or setup a waste treatment facility as per the directions and guidelines of PCB
- g. shall set up treatment unit to treat the liquid waste generated to the standards specified by Central Pollution Control Board/KSPCB
- h. ensure that waste is handed over only to authorized rendering plants and not to any other agency/ person.
- i. pay Tipping fee as per the agreement
- j. inform the DLFMC/KSPCB/LSGI, if the waste is not regularly picked up by the rendering plant operator
- k. shall maintain proper records/manifests regarding number of birds processed, quantity of meat produced, quantity sold, quantity of waste (solid and liquid) produced, quantity treated and disposed etc.

vi. Rendering plant owners/operators

Rendering plant owners/operators shall;

- a. collect, transport, store and process Poultry waste as per the prevailing Standard Operating Procedure (SOP) and based on the agreement with the poultry meat stalls on a daily basis without fail.
- b. operate the poultry waste rendering plants as per the prevailing SOP issued by KSPCB
- c. levy Tipping fee only as per the DLFMC recommendations.
- d. obtain statutory clearance/s (and renew it correctly on expiry) as per prevailing rules and provisions of these guidelines
- e. own/ rent and maintain enough refrigerated vehicles in good condition for transportation of wastes. Ensure that the vehicles are with body stickers depicting the type and emblem (if any) of the waste being transported and that the crew carry proper manifests/documents when waste is transported.
- f. ensure that the transport crew have proper uniforms and Personal Protective Equipments (PPEs) while in duty

- g. ensure that the waste is not transferred to other vehicles/dumped anywhere during transport
- h. ensure that no spillage occurs during transport
- i. store the collected wastes in refrigerated containers/cold storages, in case it is not processed on the same day of collection.
- j. treat all wastes generated as a part of processing
- k. maintain all records/manifests related to clients, quantity collected, transported, processed, product obtained and sold, waste generated and treated etc
- l. inform the DLFMC/KSPCB/LSGI in case the poultry stall owner fails to provide the waste to the rendering plant regularly

vii. Suchitwa Mission

Suchitwa Mission shall;

- a. provide technical support and issue guidelines regarding poultry waste management in the State
- b. empanel rendering plant operators/service providers in the sector.

Application for obtaining approval from DLFMC for setting up..
Poultry waste Rendering Plant

Application For (*New plant/ Existing plant/ Renewal*)

A. Basic Information

- a) Name& address of Applicant/Agency/Company :
- b) Contact number :
- c) Email address :
- d) Type of ownership : Sole proprietorship/ Partnership/ Limited Liability Company/ Others/ specify

B. Facility/ Plant details

- a) Proposed waste treatment capacity of plant :(Tons/day)
- b) Whether all wastes including feather is proposed to be processed in the plant : Yes/ No
- c) Proposed Technology : Dry rendering/ Wet rendering/Others(Specify)
- d) Proposed output product :
- e) Proposed output quantity :(Tons/day)
- f) Type of equipments/ machineries used :
- g) Required no of staffs in the plant :
- h) Number of trucks proposed to be used for collecting raw materials :
- i) Required no of staffs in the waste collection crew :
- j) Are the trucks going to be of : Yes /No

refrigerated type?

- k) if yes, specify the temperature range of refrigeration :(°C)
- l) Details of odour control measures proposed to be provided :
- m) How is the waste water generated proposed to be treated :
- (If through an ETP, include process details, process flow & capacity of plant in detailed proposal)
- n) Has a process flow diagram showing the entire proposed process included? : Yes / No
- o) Consent to establish obtained from KSPCB : Yes / No

C. Land details

- a) Survey No :
- b) Ownership : Own land/ Leased land
- c) if leased, copy of lease agreement : Attached/ Not attached
- d) Plot area :(cents)
- e) proposed building floor area :(M²)
- f) Width of approach road :(M)
- g) Availability of power supply : Single phase/ 3 phase
- h) Availability of water connection : Yes / No
- i) Distance of land boundary from nearest
- a) Building :M
- b) Water body :M

C. Additional information for approval of existing plants and renewal of approval

- a) Log/ register of quantity of waste collected and treated : Attached/ Not attached
- b) Agreement executed with Poultry stalls? : Yes / No
- c) If yes, number of stalls executed agreement and the expecting quantum of waste generated. :
- d) Consent to Operate obtained : Yes / No

from KSPCB?

- e) If yes attach copy of consent to operate obtained from KSPCB : Attached/ Not attached
- f) License obtained from concerned LSGI? (For renewal of approval) : Yes / No
- g) If yes attach copy of valid license obtained from LSGI : Attached/ Not attached

Declaration

I hereby declare that all the statements made in and all documents submitted along with this application are true and correct to the best of my knowledge & belief.

Place & Date

Name & Signature