



ABSTRACT

Under Ground Sewerage Scheme - Delegation of powers to the Commissioner of Municipal Administration to decide on the sale of Secondary Treated Effluent Water (STEW) to the needy industries or buyers on case to case basis – Orders - Issued.

Municipal Administration & Water Supply (MA.3) Department

G.O. (Ms) No. 68.

Dated : 13.06.2014.

Read:

1. G.O. (3D) No. 19, Municipal Administration & Water Supply (MA.3) Department, dated : 10.05.2013.
2. From the Commissioner of Municipal Administration Letter Roc. No. 17507/2012/UGSS.1, dated 19.06.2013.

ORDER:

In the Letter second read above, the Commissioner of Municipal Administration has stated that the implementation of the Under Ground Sewerage Scheme in all Urban Local Bodies have been taken up in a phased manner. Accordingly, the 41 Municipal Towns have taken up the implementation of the Under Ground Sewerage Scheme, of which 17 projects have been completed and put into use of the Public and the rest of the projects are in various stages of implementation. Of the completed projects, the disposal of the treated waste water poses a major challenge to the Urban Local Bodies. At present, the treated waste water is either let out into water course or into the land which causes pollution to the environment. To overcome this, recycling of the waste water is one of the main option, which achieves the double objective of saving and protecting this resource: upstream, **it allows water to be saved by providing an "alternative resource"**, while at the other end of the chain, **it reduces the volume of water waste in the environment and also fetches revenue.** Using this, alternative resource can contribute to sustainable development to the towns affected by water scarcity and drought.

2. In order to facilitate the sale of the secondary treated Sewage, the Commissioner of Municipal Administration has requested that the Government may give in principle permission to the Corporations and Municipalities to decide on the sale of treated Sewage to the needy industries or buyers on case to case basis on the following conditions:-

- i. As the sewage treatment plants being established in the Urban Local Bodies are only the secondary treatment

plant, further treatment (Tertiary Treatment etc.) shall be made responsible on the part of the buyer for which the Plan of action should get approved by the Urban Local Body.

- ii. Feasibility study for conveying the Secondary treated sewage from Urban Local Body site shall be done by the buyer.
- iii. The other commitment of the Industry/ Buyer is to take care of the O&M of the plant as well as payment of charge for the quantity of treated effluent supplied to the buyer.
- iv. The treated waste water shall be transported to the respective destination by the prospective buyers/ Industries at their own cost by laying of necessary pipe lines and obtaining necessary permission from the respective Departments, where the pipe line alignment runs such kind of permission should be obtained by them before laying pipe lines without seeking any assistance from the concerned Urban Local Bodies.
- v. Tract rent for laying of pipe line within the Urban Local Body limit shall be payable by the buyer/Industry of the treated water at the prevailing rate fixed by the Government/Commissioner of Municipal Administration.
- vi. The treated waste water is planned primarily to be used for industrial purpose is other than drinking purpose and inside their plant necessary works for production of demineralised water for the boilers and further tertiary treatment works including ultra filtration units to generate the necessary quality of water.
- vii. As part of the feasibility study and execution of works, the respective company should take full responsibility to obtain necessary statutory approval and clearance as necessary.
- viii. A memorandum of agreement prevailing in Chennai Metropolitan Water Supply and Sewerage Board need to be followed.
- ix. The present tariff may be fixed as Rs. 11.30 per Kilo litre during the initial period and an increase of 5 % per annum may be effected.
- x. The agreement entered with any company has to be renewed once in three years or on mutually agreed terms.

- xi. The collected amount from selling of treated waste water shall be used for O&M of the scheme.

3. The Government, after careful examination of the proposal of the Commissioner of Municipal Administration, accord delegation of powers to the Commissioner of Municipal Administration to decide on the sale of Secondary Treated Effluent Water (STEW) to the needy industries or buyers on case to case basis with the following conditions:-

- i. To the extent possible entire output of Sewage Treatment Plant (STP) should be contracted with industries as it does not make economic sense to lay multiple pipe lines from STP.
- ii. The concerned Urban Local Bodies (ULBs) may also explore the option of investing in Tertiary Treated Reverse Osmosis Plant (TTRO) facilities and sell value added water before adopting the option of selling Secondary Treated Effluent Water (STEW).
- iii. To accord delegation of powers to the Commissioner of Municipal Administration for approval of sale of Secondary Treated Effluent Water (STEW) and Tertiary Treated Reverse Osmosis Plant (TTRO) to the Industries or Buyers on case to case basis received from the Corporations and Municipalities.

4. The Government also order the following Terms of Reference (TOR) that shall be adhered to decide for the sale of Secondary Treated Effluent Water (STEW) by the Corporations and Municipalities to the needy industries or any buyers on case to case basis:-

TERMS OF REFERENCE (ToR)

I. Tenure of Agreement

A memorandum of agreement prevailing in Chennai Metropolitan Water Supply & Sewerage Board in respect of sale of Secondary Treated Effluent Water (STEW) released from the STP of Urban Local Bodies shall be followed.

II. Terms of Agreement

- a) Feasibility study for conveying the STEW from the STP of Urban Local Bodies shall be done by the Industry/Buyer.
- b) Based on the feasibility study the Industry/ Buyer should take full responsibility to obtain necessary statutory approval, clearance and permission wherever necessary from all concerned departments and Urban Local Bodies before execution of works.

- c) The Prospective Industries/Buyers shall lay necessary pipe lines after obtaining permission from all respective departments including ULB's at their own cost from the STP of the concerned Urban Local Bodies to their respective destinations.
- d) The prospective Industries/Buyers shall pay the Track Rent at the rate existing as per Rules in force, for all the pipelines laid within the Urban Local Body limits.
- e) The STEW of ULB' is primarily targeted for industrial purposes and not for drinking purposes. Hence, further treatment of water (Like Tertiary Treatment , etc.) for various use of the Industry/Buyers, the respective Industries/Buyers are fully responsible for the quality of waters. The Industry/Buyers shall also get the approval from the concerned Urban Local Bodies in respect of the proposed purpose for which further treatment of waters are needed.
- f) The respective Industry/Buyers are responsible to take care of their plants in respect of Operation and Maintenance (O&M) for taking the STEW to their destination.
- g) The respective Industry/Buyers are held responsible for non-drawal of STEW due to technical problem arised and not rectified in their plant. In such cases, the approximate consumption of the Industry /Buyers should be arrived and the tariff rate calculated as per kilo litre agreed shall be collected from the Industry/Buyer during those period.
- h) The tariff for the sale of STEW for per kilo litre shall be fixed as per the rates prevail in Chennai Metropolitan Water Supply & Sewerage Board initially while fixing up the sale agreement. And, an increase of 5% per annum every year over the tariff shall be effected from the second year of agreement.
- i) The total amount of revenue received through the sale of STEW shall be utilized by the Urban Local Bodies for the O&M of the UGSS scheme.

III. Renewal of Agreement

- a) All the agreements entered by the ULBs with the respective Industries/Buyers shall be renewed once in 3 years or on mutually agreed terms.
- b) The Urban Local Bodies while considering other terms and conditions shall also revise and re-fix the sale tariffs for per kilo litre as per the prevailing rates in force during renewal of agreements with the Industries/Buyers.

IV. Cases in which approval of Commissioner of Municipal Administration is necessary

Concerned Urban Local Bodies shall forward all the proposals to the Commissioner of Municipal Administration for the approval in respect of the tariff fixed and other relevant condition.

V. Cases in which approval of Government is necessary

- a) The cases in which the tariff for the sale of STEW is proposed to be fixed below the prevailing rates in Chennai Metropolitan Water Supply & Sewerage Board.
- b) Extraordinary cases in which the approval of Government is necessary.

(By Order of the Governor)

**K. PHANINDRA REDDY,
PRINCIPAL SECRETARY TO GOVERNMENT**

To:

- ✓ The Commissioner of Municipal Administration,
Chennai - 600 005.
- The Chairman & Managing Director, Tamil Nadu Water
Supply and Drainage Board, Chennai - 600 005.
- The Chairman & Managing Director, Tamil Nadu
Urban Infrastructure Financial Services
Ltd., Chennai - 600 017.
- The Managing Director, Chennai Metropolitan Water
Supply & Sewerage Board, Chennai-600 002.
- All Municipal Corporations/Municipal Commissioners
(through the Commissioner of Municipal Administration)

Copy to:

- The Principal Accountant General (Audit/G&SSA),
Chennai - 600 018.
- The Senior Personal Assistant to Minister (MA, RD, Law, Crts. & Pri.),
Chennai- 600 009.
- The Principal Private Secretary to Principal Secretary to Government,
Municipal Administration & Water Supply Department,
Chennai - 600 009.
- The Finance (MA&WS) Department, Chennai - 600 009.
- The Municipal Administration & Water Supply (OP.II) Department,
Chennai - 600 009.
- Stock File/Spare Copies.

// Forwarded By Order//

N. Shaike
13.6.2016
SECTION OFFICER

12/16