

BEFORE THE NATIONAL GREEN TRIBUNAL – (SOUTH ZONE)

CHENNAI

Application No. O.A. 125 / 2021

B. Balakrishnan,
S/o. Rengarajan,
Lalpuram & Post,
Chidambaram Taluk,
Cuddalore District .

.... Applicant

-Vs-

1. The District Collector,
Cuddalore District.
2. The Sub Collector,
Chidambaram.
3. The Thasildar,
Chidambaram.
4. The Commissioner,
Chidambaram Municipality.
5. The Executive Engineer,
P.W.D. Chidambaram.
6. The District Environmental Officer,
TNPCB, Cuddalore.
7. The Executive Engineer,
Tamil Nadu Water & Drainage Board,
Cuddalore.
8. The Block Development Officer,
Kumaratchi Panchayat Union,
Cuddalore District.

.... Respondents

STATUS REPORT FILED BY THE 7th RESPONDENT

With the reference above cited, I submit the following reply in this regards UGSS to Chidambaram Municipality was Administratively sanctioned vide G.o.(D) No.28/MA&WS (MA111) Dept/Dt.27.01.2014 for an amount of Rs.7562.23 lakhs and technically sanctioned vide CE/VLR No 70/ 2013 – 14/ Dt. 25.02.2014 for an amount of Rs.7562.23 lakhs. This scheme has been split up as 3 packages. The package I & II Collection System work was awarded to M/s Keyem Engineering Enterprises & the package III STP work was awarded to M/s Pure Enviro Engineering Private Ltd.

Breif description about this Scheme:

Chidambaram Municipality is a First Grade Municipality in Chidambaram legislative constituency. The existing sewerage scheme to Chidambaram Municipality was executed during the year 1969 is fully defunct and beyond rejuvenation. To maintain the sanitation in hygienic condition of Chidambaram Municipality, the Govt of Tamil Nadu has been decided to provide new Underground sewerage scheme.

The scheme has been taken up under UIDSSMT Grant of Rupees 3787.33 lakhs, interest free loan of Rupees 1549.36 lakhs, funding from IUDM of Rupees 2211.00 lakhs and local body contribution of Rupees 14.54 lakhs. The population benefited under this scheme in present population (2015) is 65600, Intermediate population (2030) is 78200 and the ultimate population (2045) is 90800. This Scheme covers all the 33 Wards. The proposed UGSS Scheme is designed for the Intermediate Population i.e. year 2030.

The components executed under this scheme is as detailed below:-

S.No	Name of component	Total
1.	Length of sewerline – Pumping Main, Gravity main (150mm – 900mm dia RCC/Stoneware/CI pipe)	55712 m
2.	No of Manholes	2141 Nos
3.	No of Lift Manhole	3 Nos
4.	No of Pumping station	3 Nos
5.	House service connection	10000 Nos
6.	Sewerage treatment plant (Activated Sludge Processing – ASP Technology)	1 No.

The sewage generated from this town is collected through the collection system which is divided into 4 zones. Collection system with trunk sewer for each Zone has been designed so as to collect the waste water generated from each zone to their respective collection well and then conveyed through the respective pumping mains from each zone to the sewage treatment plant for treatment and disposal of the effluent.

Zone 1:

Zone 1 is located on the South East part of the municipality. It covers ward Nos. 22, 23, 24, 30, 31, 32 & 33. The sewage from this zone will be collected at the sub pumping station located in Kanagasabai Nagar. From here the sewage is pumped directly to the bell mouth chamber located at Kamaleeshwaran Koil Street. From this chamber, sewage is fed to collection system of zone 3B by gravity

Zone 2:

Zone 2 is located on the North West part of the Municipality. It covers ward Nos. 15, 16 (part), 17(part), 18(part), 25, 26, 27, 28 & 29. The sewage from this zone is collected at the sub pumping station located in Min Nagar. From here the sewage is pumped directly to the bell mouth chamber located at Periya vaniya Street. From this chamber, sewage is fed to collection system of zone 3A by gravity

Zone- 3A:

Zone 3 A is located on the North West part of the municipality. It covers ward Nos.1,2,3,4,10,11,12,13,14,16 (part) 17(part) (18 part). The sewage from this zone is connected to lift Manhole of zone 3A and is collected at the main pumping station located in Thillaikaliyaman koil street. From here the sewage is pumped directly to the Sewage Treatment Plant.

Zone- 3B

Zone 3B is located on the North East part of the Municipality. It covers ward Nos. 5, 6, 7, 8, 9, 19, 20 & 21. The sewage from this zone is collected at the main pumping station located in Thillaikaliyaman koil street. From here the sewage is pumped directly to the STP.

Sewage Treatment Plant (STP) having capacity of 9.44 MLD with Activated Sludge Processing (ASP) technology was constructed at Lalpuram Village. The sewage pumped from the Main Pumping Station (MPS) is treated as per Tamilnadu Pollution Control Board (TNPCB) norms and disposed for irrigation purpose.

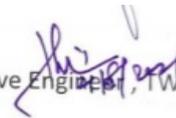
Conclusion:

The works is completed in all respects and inaugurated by the Honourable Chief Minister of Tamil Nadu on 28.05.2020. Now the scheme put into beneficial use. At present, the sewage collected at about 5.20 MLD is treated by adopting Activated Sludge Process Technology.

TWAD Board is not letout any sewage in the open drain. As per our scope TWAD Board is collecting the sewage from the houses by pipe line and treated in the treatment plant as per TNPCB norms. TNPCB test results are herewith enclosed for reference.

Enclosure: 1.TNPCB test result certificate – 2 Nos

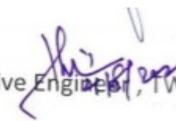
2. Photos –



Executive Engineer, TWAD Board
Cuddalore

Copy submitted to the Superintending Engineer, TWAD Board, Sewerage Circle, Tindivanam for favour of information.

Copy to Assistant Executive Engineer, TWAD Board, Sewerage Sub Division II, Chidambaram for follow up action.



Executive Engineer, TWAD Board
Cuddalore



UGSS TO CHIDAMBARAM MUNICIPALITY - SUB PUMPING STATION II AT MIN NAGAR - PUMPROOM



UGSS TO CHIDAMBARAM MUNICIPALITY - MAIN PUMPING STATION AT TILAIKALIAMMAN KOIL STREET - CONTROL PANEL

UGSS TO CHIDAMBARAM MUNICIPALITY - SEWAGE TREATMENT PLANT - PRIMARY CLARIFIER



UGSS TO CHIDAMBARAM MUNICIPALITY - SEWAGE TREATMENT PLANT AT LALPURAM VILLAGE - AERATION TANK



UGSS TO CHIDAMBARAM MUNICIPALITY - SEWAGE TREATMENT PLANT AT LALPURAM VILLAGE - MCC ROOM - GENSET ROOM - PRIMARY UNIT



UGSS TO CHIDAMBARAM MUNICIPALITY - SEWAGE TREATMENT PLANT AT LALPURAM VILLAGE - CHLORINATION ROOM

