



ANUGRAHA SATELLITE TOWNSHIP RESIDENTS WELFARE ASSOCIATION





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RESIDENTS WELFARE ASSOCIATION**

PROGRESS & IMPORTANT INFORMATION

PRESENTATION AT THE GENERAL
BODY MEETING





SELECTION OF STP BUILDER

- Four Proposals with Technical and Commercial Details
- All from established Builders with extensive portfolio of completed earlier similar projects
- All Four proposals forward to TN Pollution Control Board for Selection
- District Environmental Engineer setup a Committee with one external expert, Sub Collector and Collector informed periodically





Selection Process

- Liaison only with the Secretary to prevent canvassing, etc
- Selection is a Help extended by the TN PCB, on directions from Collector & Sub Collector
- The Committee will only 'Advise' verbally, since this is not under the official duties purview of the TN Pollution Control Board.





Selection Criteria

- Feasibility
- Right Technology
- Sustainability
- Capability to handle the Township Load
- Commercials

- Anugraha STRWA criteria: economically affordability, must make use of existing STP





Selection Committee Decision

- One STP Builder, one Second Choice for Backup chosen
- Decision conveyed to the Secretary
- Chosen STP Project Implementors:
 - New Dawn Water Engineering
- Second Choice for Backup
 - H2O Engineers





New Dawn Water Engineering

- More Information at : <http://newdawnindia.in>
- Clients list at:
<http://newdawnindia.in/client.html>
- Head Office: NO 9 & 10 R40 A1 TNHB
COMPLEX, MUGAPPAIR EAST, CHENNAI -600
037
- U.N. SURESH KUMAR, DIRECTOR - CELL :
9445586666
- Email : kesh@newdawnindia.in





Comparative Analysis

- Comparative Analysis done by Mr. KUMAR Natarajan, Engineer (formerly at GE) & our Executive Committee Member
- Excel & PDF can be download from:
www.anugraha.ga/files/stpcompanalysis.xlsx
www.anugraha.ga/files/stpcompanalysis.pdf
- Based on the excellent Analysis by Mr. Kumar, the Selection satisfies both the lowest bid, minimum additional civil work as well as being technically sound.





Projected Cost

- Yet to be comprehensively calculated by a Special Taskforce that will be appointed from volunteers to negotiate and fix final rates with Vendor, dates, milestones, etc.
- Extra Costs: Civil Cost, Land levelling cost, Pipes to be replaced, Electricity Connection, etc





Next Steps

- Appointment of the following Task Force Committees:
 1. **Negotiation and Contract Finalisation Team:** Need expert volunteers who will negotiate the terms and draw up a contract to be awarded to the selected Builder.
 2. **Project Progress Monitoring Team:** Will monitor the progress on day to day basis





Next Steps Contd..

- List of Contributors will be submitted to the Sub Collector as **Compliance Report**.
- STP will serve only those who have contributed.
- Those who have not contributed are free to build their own septic tank or make alternate arrangements





I don't want to pay....

- If anybody does not want to pay, they are free not to. Everybody contributes for their own good.
- No more asking, requesting, canvassing, etc.
- Being honest and upright citizens, if anybody doesn't want to pay, please disconnect your house immediately from the sewage network.
- Others are paying for the sewage removal by transport. It is NOT FAIR, nor decent to take advantage of others.





Important Information

- The District Environmental Engineer has strictly mentioned that the proposed STP Capacity must meet the needs of all the Houses – **both occupied and unoccupied/unfinished** of the township.
- Additionally, the capacity must be enhanced to accommodate at least ONE day of sewage influx in case of power or other failure.





Contd..

- The STP should be built according to the latest specifications, the effluent must conform to the new norms of the Central Pollution Control Board
- All the treated water must be recycled within the Township
- An overhead Tank should be constructed to store the treated water and piped back to the Township for use (irrigation, etc)





New Norms for STP effluent

- On October 13, the environment ministry tweaked standards for four parameters that determine water quality: pH value, which captures the level of acidity, Bio-Chemical Oxygen Demand (BOD), Total Suspended Solids (TSS) and Fecal Coliform (FC).
- The new standard is less than 1000 (Most Probable Number per 100 millilitre, MPN/100ml) for STPs across the country.





New Standards

| Parameter | Standard | Scope |
|--|------------------|--|
| 1) pH | 6.5-9 | Everywhere in the country |
| 2) Bio-Chemical Oxygen Demand (BOD) | Not to exceed 20 | For metro areas and all state capitals barring Himachal Pradesh, Uttarakhand, Jammu and Kashmir and Union territory of Andaman and Nicobar Islands, Dadar and Nagar Haveli Daman and Diu and Lakshadweep |
| | Not to exceed 30 | Other areas |
| 3) Total Suspended Solids | Less than 50 | For metro areas and all state capitals barring Himachal Pradesh, Uttarakhand, Jammu and Kashmir and Union territory of Andaman and Nicobar Islands, Dadar and Nagar Haveli Daman and Diu and Lakshadweep |
| | Less than 100 | Other areas |
| 4) Fecal Coliform (FC) | Less than 1000 | Everywhere in the country |





Contd..

- According to this direction, we will need **BIGGER SEWAGE TREATMENT PLANT**
- That means we will not be able to use the existing STP civil structures.
- The District Environmental Engineer directed us to use the existing structures as **COLLECTION PONDS** alone and build anew all other Structures





New Bigger STP?

- The cost of building a new STP to satisfy all the Government Standards would be astronomical.
- Our cost will be controlled only if we use the existing STP, operationalise it.
- There are other considerations we do not want to publicise, can be discussed with us in person.





What Now?

- We have informed the District Environmental Engineer that NOT ALL HOUSES will connect and discharge into the new STP.
- Only half the houses have contributed, so the Capacity of the STP will be calculated using this number alone.
- Those who clearly have no interest in contributing will arrange their own sewage disposal in any manner they see fit





IMPORTANT IMPLICATIONS

- We don't need everybody to contribute.
- In fact, if some don't contribute, it is good.
- If everybody contributes, we will have to build a brand new STP which will cost a lot. A LOT.
- So we don't have to keep asking for contributions.
- Those who have paid will enjoy the STP for Rs. 15,000. Those who haven't, probably have some other arrangement in mind.





STP Connection

- Only those who have paid for the new STP will have a right to discharge their sewage into it through the sewage network.
- Those who do not want to contribute have the liberty to disconnect themselves.
- If any house does not pay, but discharges sewage into the network, a daily fee of Rs. 100 has been proposed.





Houses that are unoccupied

- The Many houses that are presently unoccupied can join the STP at a later date by paying a connection fee.
- The fee for currently unoccupied houses to join has been proposed to be **Rs. 35,000.**
- The fee for currently OCCUPIED houses to join anytime beyond 15 November has been proposed to be **Rs. 45,000.**





Ratification of decisions

- The decision to appoint the Builders will be ratified by the General Body Meeting to be held for this purpose.
- The GBM will also discuss and ratify other proposals, the agenda will be informed before the meeting.
- All the financial reports will be tabled and be made available in the public at all times.





Original Proposals

- All the original documents, proposals, etc submitted by the Builders are available for download from:
- <http://www.anugraha.ga/stpproposals.zip>
- All Files are also available at:
<https://goo.gl/JYnBei>
- Our email for queries: mail@anugraha.ga





IMPORTANT REQUEST

- Please do not discuss any aspect of the STP project on WhatsApp or in Public
- There are a number of issues and problems, from electricity connectivity to bigger ones.
- We want to keep this project very LOW KEY PROFILE.
- Please cooperate in this regard. No irresponsible comments please. Thank you.





Questions? Clarifications?

- We welcome all questions, queries. Please post them to your street representatives before posting them online.
- If they cannot answer, please message the Executive Members in private or call us on phone. We will do our best to answer you.
- Discussions in public might create new problems for us.





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Thank you!

