



**DELHI JAL BOARD; GOVT. OF NCT OF DELHI**  
**OFFICE OF THE EXECUTIVE ENGINEER (SDW)-IV**  
**SEWAGE TREATMENT PLANT KONDLI,**  
**KONDLI, DELHI-110096**  
**E-mail: eesdw4.djb@nic.in**



No: - DJB/EE (SDW)-IV/2024-25/

658

Dated: 05.06.2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that the work of “Rehabilitation and upgradation of Existing 45 (204 MLD) MGD STP at Kondli, Delhi based on Conventional Activated Sludge process to achieve treated Effluent Parameters BOD/TSS  $\leq 10$  ppm/10 ppm along with 12 years O&M” is being executed by **M/s. Ayyappa Infra Projects Pvt Ltd.**, Door No.#2-40/40/101, Road No.2, Shilpa Hills, Khanamet, Hyderabad – 500084, India.

The details are as under:-

1.	Work Order No. & Dated	16 (2022-23) dated 10.08.2022
2.	Contract Value (in INR)	Cost for Capital Work (Rs. 1.5 Cr./ MGD) is Rs. 67.5 Cr. Cost for interim O&M (14+3 months) is Rs. 8.42 Cr. Cost for 12 years O&M is Rs. 212.46 Cr. Total Cost is Rs. 288.38 Cr.
3.	Stipulated date of start as per C.A.	06.09.2022
4.	Completion period	14 Months
5.	Actual date of Completion	Work is in progress
6.	Rehabilitation technology/ process	Integrated Fixed Film Activated Sludge (IFAS) with A2O Process
7.	Name of Technology Provider	M/s. Euroteck Environmental Pvt Ltd., 504, Modern Profound Tech Park, Opp Ramalayam, White Field Road, Kondapur, Hyderabad – 500084, Telangana, India.
8.	Name of the Consultant	WAPCOS Limited SCO 302, Second Floor, Sector 9, Panchkula, Haryana-134109

### Raw Sewage Characteristics

S No	Parameters	Units	Value
1	pH		6-8.5
2	BOD	mg/l	250
3	COD	Mg/l	500
4	TSS	mg/l	450
5	Ammoniacal Nitrogen (NH <sub>4</sub> -N)	mg/l	36
6	TP	mg/l	8
7	Fecal Coliform	MPN/100	12X10 <sup>16</sup>

### Treated Sewage Characteristics (Outlet Parameters)

S No	Parameters	Units	Value
1	pH		6 - 9.0
2	BOD	mg/l	≤ 10
3	COD	mg/l	≤ 50
4	TSS	mg/l	≤ 10
5	Total Nitrogen	mg/l	≤ 10
6	Ammoniacal Nitrogen (NH <sub>4</sub> -N)	mg/l	≤ 5
7	PO <sub>4</sub> - P(TP)	mg/l	≤ 1
8	Fecal Coliform	MPN/100	Permissible ≤ 230 MPN/100ml Desirable ≤ 100 MPN/100ml

It is certified that **M/s.Ayyappa Infra Projects Pvt Ltd.**, has Successfully completed the Rehabilitation and Upgradation of the liquid stream of the existing 45 MGD (204 MLD) STP Kondli, Delhi, based on IFAS with A2O process and as per the record, achieving the effluent standards BOD≤10, COD≤50, TSS≤10, TN≤10, Ammonical Nitrogen (NH<sub>4</sub>-N) FC≤230 MPN/100 ml etc. **M/s. Euroteck Environmental Pvt. Ltd.**, as the technology provider, has carried out the Design & Engineering for IFAS with A2O process along with the supply of all the key equipment's of IFAS process like Anaerobic Mixers, Anoxic Mixers, Aerators, IFAS Media with SS Cages, Diffusers, Density Current Baffles and Disc Cloth Filter (DCF) with UV system for tertiary treatment etc.

The certificate has been issued on the request of contractor for the Tender Purpose.

  
5/6/2024.

**(Bhupesh Kumar)**  
**Chief Engineer (SDW)**

Chief Engineer (SDW)  
Delhi Jal Board  
(Govt. of NCT of Delhi)  
Varunatalaya Phase-II, Karol Bagh  
New Delhi-110005

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5/6/24  
**(Ashish Kr. Gupta)**  
**Executive Engineer (SDW)-IV**  
Delhi Jal Board, Govt. of NCT of Delhi  
Kondli Sewage Treatment Plant  
Kondli, Delhi-110 096