



SEWAGE TREATMENT PLANT
A₂O ACTIVATED SLUDGE PROCESS - ULTRAFILTRATION
20 MLD, HMDA, HYDERABAD



Client	Hyderabad Metropolitan Development Authority, Hyderabad
Contractor	Triveni Engineering & Industries Ltd.
Project Cost	INR 280.0 Million
Scheme	JICA
Status	Completed
Salient Features	<ul style="list-style-type: none">• Anaerobic, Anoxic & Oxic Activated Sludge process for biological nutrient removal followed by Membrane Filtration (UF System) & Disinfection• Plant designed to achieve treated sewage parameters as under for discharge in to Hussain Sagar Lake: BOD : < 2 mg/L. COD : < 70 mg/L TSS : < 2 mg/L. Turbidity : < 2 mg/L. TN : < 10 mg/L• Plant Operation with PLC/SCADA System
Services Provided	<ul style="list-style-type: none">• Preparation of Basic Engineering Design (Process & Hydraulic)• Detailed Engineering including Preparation of G.A. Drawings & Civil Design, Piping, Electro-mechanical & Instrumentation Works