27 YEARS
OF EXCELLENCE

Enviro Care®
INDIA PRIVATE LIMITED

Redefining **Sustainability**...



Turnkey Projects

a) Water Treatment Plant & Drinking Water Plant

- Sand & Carbon Filters
- Iron Removal Filters
- Reverse Osmosis Plants
- Softening Plants
- Demineralisation & Mixed Bed Plants
- Ultra Filtration Plants
- HNS System

b) Sewage Treatment Plant with Recycling System

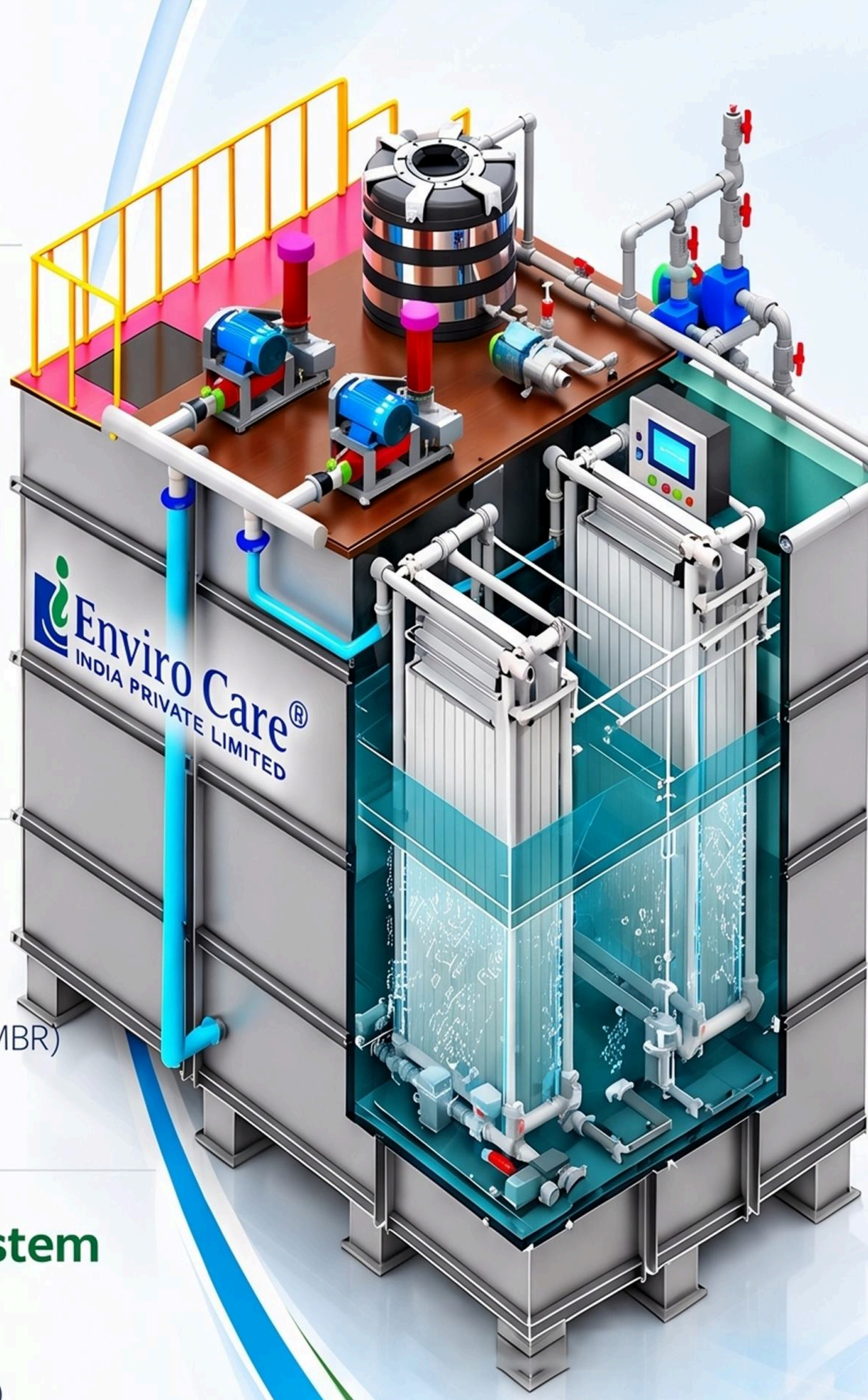
- Sequential Batch Reactor (SBR)
- Moving Bed Biological Reactor (MBBR)
- Membrane Bio Reactor (MBR)
- Activated Sludge Process (ASP)
- Activate. Treatment Plants (MS & FRP)
- Package Treatment Plants (MS & FRP)
- Ultra Filtration for STP

c) Effluent Treatment Plant

- Chemical Treatment
- Biological Treatment (ASP, MBBR, SBR, MBR)
- Packaged Treatment Plant (MS & FRP)

d) Zero Liquid Discharge System

- Effluent Treatment Plant
- Membrane Filtration (MF, UF, RO & NF)
- Evaporators
  - Single Stage Evaporators
  - Double Stage / Multistage Evaporators
- Salt Separator
  - ATFD (Agitated Thin Film Drier)
  - Crystallizer



e) Air Pollution Control Equipment

- Wet / Dry Scrubbers
- Mist Eliminators
- Heat exchanger
- Cyclone separators
- Fumes Extractor

f) Online Monitoring Equipment

- **OCEMS** - Online Continuous Emission Monitoring Equipment's for Stack, Gas & Ambient Air with TNPCB Approved Software
- **OCEQMS** - Online Continuous Effluent Quality Monitoring Equipment's for all Parameters of Water and Waste Water Treatment Plants

g) MEP Works

- HVAC Systems
- Electrical Systems
- Plumbing Systems
- Fire hydrant and Fire protection system

h) Consultancy Services

- Project design consultancy services
- Detailed project report - DPR
- Process selection & sizing
- BOQ & tender support
- PFD, PID, Layout & sectional drawing
- Project design validation & technical review
- Engineering & Procurement consultancy

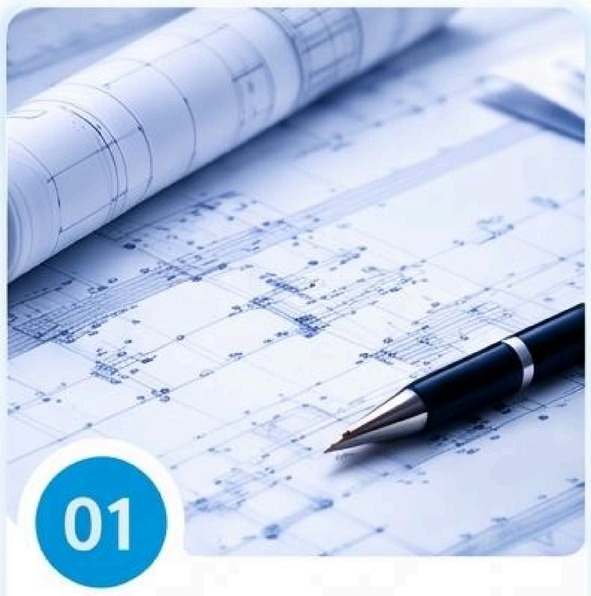
i) Spares, Chemicals & Special Products

- Water & Wastewater Treatment Spares & Chemical
- DAF Systems
- Screw Press, Centrifuge
- Sludge Dryer Systems
- Heat Recovery Plant
- Retrofit Emission Control Device
- IoT & Automation solutions



ENGINEERING & PROJECT CAPABILITIES

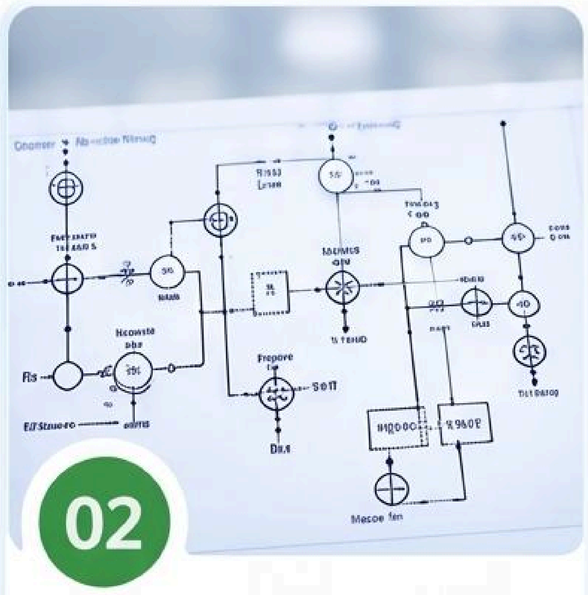
End to End Execution. One Reliable Partner.



01

Process Design

- Customized solutions based on industry requirements
- Feasibility study and technology selection
- Design calculations and optimization



02

PFD & P&ID

- Detailed process flow diagrams
- P&ID with standard symbols
- Instrumentation and control philosophy



03

Equipment Design

- Mechanical design and sizing
- Selection of materials and components
- Quality and performance assurance



04

3D Modelling & Layout

- Accurate 3D model for visualization
- Equipment layout and plant arrangement
- Space optimization and better execution



05

Fabrication & Supply

- In-house and vendor fabrication support
- Quality equipment and materials
- Timely supply and delivery



06

Erection & Commissioning

- Expert Installation and commissioning
- Testing, trial run and performence check
- Training and handover



07

IoT & Automation

- 24x7 real-time Plant monitoring
- Mobile & web-based dashboard
- Remote monitoring from anywhere
- Equipment status & performance monitoring
- Alarms, alerts and data logging



08

Annual Maintenance Contract (AMC)

- Technical support for smooth STP/ETP/2LD operation
- Maintenance suggestions and operational guidance
- Periodic inspection and performance reports

OUR CLIENTS

Trusted by leading organizations across industries.

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ROOTS
ADDING VALUE

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INDIA PRIVATE LIMITED



Prof. Dr. S. Rajamohan
M.E. (Environmental), Ph.D.
Founder & Managing Director

An Academician turned as Successful Entrepreneur...

OUR PRESENCE

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Pan India Presence

5000+ Happy Clients

25+ Years of Excellence





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+91 9994896255 / 9003923702

project@envirocareindia.com

www.envirocareindia.com

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