



Reliable Engineering Solutions for Water & Wastewater Infrastructure

Specializing in Operation & Maintenance and
Turnkey Engineering Solutions for Water,
Wastewater, and Utility Infrastructure



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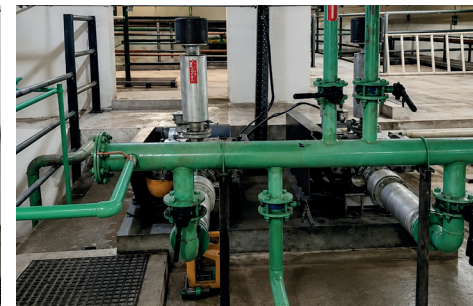


ABOUT US

HMS Environmental Engineering Pvt. Ltd. and MS Technical are led by the same leadership team, bringing together extensive multidisciplinary engineering expertise in Operation & Maintenance (O&M) and Turnkey Engineering Solutions for water, wastewater, and utility infrastructure systems.

Our services support the complete lifecycle of water and wastewater assets. From operating and maintaining treatment plants to system rehabilitation, upgrades, and new turnkey installations, we deliver practical engineering solutions that improve reliability, operational efficiency, and long-term asset performance.

We believe responsible engineering goes beyond delivering projects. By improving water efficiency, extending asset life, and supporting environmental compliance, we help our clients build reliable infrastructure while contributing to a more sustainable future.



COMPANY AT A GLANCE



Operation &
Maintenance
Specialists



Turnkey
Engineering
Solutions



Water &
Wastewater
Infrastructure
Experts



Experienced
Engineering
Team



Quality, Safety
& Compliance
Driven



End-to-
End Project
Support

WHY CLIENTS CHOOSE US



Reliability You Can Count On

Consistent performance, timely delivery, and dependable support you can trust.



Smart & Sustainable Solutions

Innovative engineering that reduces environmental impact and optimizes resource efficiency.



People & Partnership

A skilled team that works closely with clients to build long-term relationships.



Performance Driven

Focused on operational excellence, safety, and continuous improvement.



Sustainable Future

Commitment to environmental stewardship and responsible engineering.



Experienced Team.
Trusted Execution.



Innovative Solutions.
Quality Engineering.



Building Tomorrow.
Delivering Value.

OUR VISION & MISSION



OUR VISION

To be the trusted engineering partner for sustainable water, wastewater, and utility infrastructure solutions.



OUR MISSION

To deliver reliable Operation & Maintenance and turnkey engineering solutions that maximize asset performance, improve operational efficiency, and create long-term value for our clients.

CORE VALUES



INTEGRITY

We act with honesty, transparency, and accountability in every engagement.



TECHNICAL EXCELLENCE

We deliver reliable engineering solutions backed by expertise, innovation, and continuous improvement.



SAFETY FIRST

Safety is integrated into every project, protecting our people, clients, assets, and the environment.



SUSTAINABILITY

We promote responsible engineering practices that conserve resources and support long-term environmental performance.



CUSTOMER COMMITMENT

We build long-term relationships through dependable service, technical support, and consistent delivery.

WHAT DEFINES US



Experienced Engineering Professionals



Quality, Compliance & Safety Focus



Proven Operation & Maintenance Expertise



Client-Centric Engineering Solutions



End-to-End Turnkey Project Delivery



Reliable After-Sales Support



Reliable Solutions.
Sustainable Future.



Engineering Excellence.
Operational Reliability.



Building Partnerships.
Delivering Value.

AREAS OF EXPERTISE

INTEGRATED ENGINEERING EXPERTISE ACROSS WATER, WASTEWATER & UTILITY SYSTEMS

Delivering integrated engineering solutions across water, wastewater, and utility infrastructure throughout the complete asset lifecycle

TECHNICAL CAPABILITY



WATER TREATMENT SYSTEMS

- Water Treatment Plants (WTP)
- Reverse Osmosis (RO) Systems
- Ultrafiltration (UF) Systems
- Softener, DM & EDI Systems
- Pressure Sand Filters (PSF)
- Activated Carbon Filters (ACF)
- Iron Removal Systems



WASTEWATER TREATMENT SYSTEMS

- Sewage Treatment Plants (STP)
- Effluent Treatment Plants (ETP)
- Zero Liquid Discharge (ZLD) Systems
- Extended Aeration Systems
- MBBR, MBR & SBR Technologies
- Dissolved Air Flotation (DAF)



UTILITY & PROCESS SYSTEMS

- Pumping Stations
- Chemical Dosing Systems
- Swimming Pool Treatment Systems
- Cooling Water Treatment Systems
- Boiler Water Treatment Systems
- Process & Utility Piping Systems



ELECTRICAL & AUTOMATION

- MCC & PCC Panels
- PLC & SCADA Systems
- Instrumentation & Control Systems
- Electrical Distribution Systems
- Process Automation



INFRASTRUCTURE & UTILITY NETWORKS

- Water Distribution Networks
- Wastewater Collection Networks
- Utility Piping Networks
- HVAC & Building Utility Systems
- Solid Waste Management Systems
- Technical System Assessments



Smart Engineering.
Designed for Performance.



Innovative Systems.
Efficient Solutions.



Complete Solutions.
From Concept to Commissioning.

OPERATION & MAINTENANCE SERVICES

RELIABLE OPERATIONS. MAXIMUM PERFORMANCE. EXTENDED ASSET LIFE.

HMS Environmental Engineering Pvt. Ltd. and MS Technical provide structured Operation & Maintenance (O&M) services for water, wastewater, and utility infrastructure. Our approach combines preventive maintenance, performance monitoring, technical troubleshooting, and planned asset care to maintain reliable operations and extend equipment service life.



Available through Annual Maintenance Contracts (AMC), Comprehensive O&M Contracts, and Customized Service Agreements.



PLANT OPERATION & SYSTEM MANAGEMENT

- Complete Plant Operation & Management
- Process Monitoring & Operational Control
- Utility System Management
- Performance Monitoring & Reporting
- Process Optimization



MAINTENANCE MANAGEMENT

Preventive Maintenance

- Scheduled Inspection & Servicing
- Equipment Calibration
- Lubrication & Functional Testing
- Planned Maintenance Scheduling

Corrective Maintenance

- Mechanical & Electrical Repairs
- Instrumentation Troubleshooting
- Fault Diagnosis & Rectification
- Equipment Restoration

Emergency Breakdown Support

- Rapid Emergency Response
- Critical Equipment Recovery
- Root Cause Analysis (RCA)
- Downtime Reduction



ASSET PERFORMANCE & LIFECYCLE MANAGEMENT

- Asset Health Assessment
- Condition Monitoring
- Lifecycle Management
- Technical Audits
- Plant Health Assessments
- Performance Evaluation
- Operational Improvement Recommendations
- Maintenance Documentation & Reporting

OUR SERVICE DELIVERY PROCESS

- Inspection
- Assessment
- Planning
- Execution
- Testing
- Reporting
- Continuous Improvement



O&M VALUE DELIVERED



Engineering-Led Solutions



Reduced Downtime



Improved Plant Reliability



Extended Asset Life



Safety & Regulatory Compliance



Comprehensive Technical Documentation



MCC & PCC PANELS



FILTRATION SYSTEMS (PSF & ACF)



DISSOLVED AIR FLATATLON



Proactive Maintenance.
Maximum Reliability.



Optimized Operations.
Improved Efficiency.



24/7 Support.
Operational Continuity.

TURNKEY DESIGN & CONSTRUCTION SOLUTIONS

Delivering Complete Engineering Projects from Design to Successful Commissioning

We undertake turnkey engineering projects with a strong focus on technical requirements, site conditions and operational needs. Each project is carefully planned to ensure that the proposed system is practical, efficient and suitable for its intended application.

Our engineering team coordinates process, mechanical, electrical and instrumentation requirements throughout the project. Equipment selection, fabrication, installation and site activities are closely managed to maintain quality and proper integration across all systems.

Testing and commissioning are carried out to verify system functionality and performance before final handover. Where required, operator training and technical documentation are also provided to support smooth and reliable operation.

From initial engineering through final commissioning, our focus remains on delivering well-engineered systems with **quality workmanship, reliable performance and practical operation.**


COMPLETED PROJECT

SEWAGE TREATMENT PLANT (STP)

MBBR Technology




 Inlet Screening


 Equalization


 MBBR
 Biological Treatment

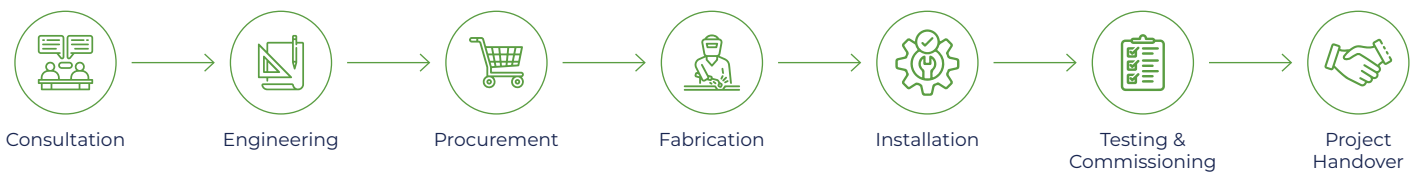

 Secondary
 Clarification


 Dual Media Filtration
 (PSF & ACF)


 Treated Water
 Outlet

ENGINEERING & DESIGN	PROCUREMENT & FABRICATION	INSTALLATION & CONSTRUCTION	COMMISSIONING & HANDOVER
<ul style="list-style-type: none"> Process & Hydraulic Design Equipment Sizing & Selection Mechanical & Electrical Design Control Philosophy Detailed Engineering 	<ul style="list-style-type: none"> Equipment Procurement Vendor Coordination Equipment Fabrication Quality Inspection Factory Readiness 	<ul style="list-style-type: none"> Mechanical Installation Electrical & Control Installation Process Piping Equipment Integration Site Execution 	<ul style="list-style-type: none"> Pre-Commissioning Dry & Wet Commissioning Performance Testing Operator Training Documentation & Handover

PROJECT EXECUTION PROCESS



FEATURED PROJECT

SEWAGE TREATMENT PLANT (STP)

-  **Technology**
MBBR
-  **Scope**
Engineering, Fabrication, Installation, Testing & Commissioning
-  **Application**
Municipal | Commercial | Institutional
-  **Status**
Successfully Completed

01 FABRICATION STAGE



02 INSTALLATION STAGE



Note: Featured photographs represent one of our successfully completed STP projects.



Turnkey Delivery.
Built with Precision.



On-Time Execution.
Quality Assured.



Successfully Delivered.
Ready for Operation.

CORPORATE CREDENTIALS

Business Credentials & Corporate Information

HMS Environmental Engineering Pvt. Ltd. and MS Technical provide comprehensive engineering solutions for water, wastewater, and utility infrastructure, with core expertise in Operation & Maintenance (O&M), Annual Maintenance Contracts (AMC), and Turnkey Engineering Solutions for residential, commercial, industrial, and infrastructure projects.

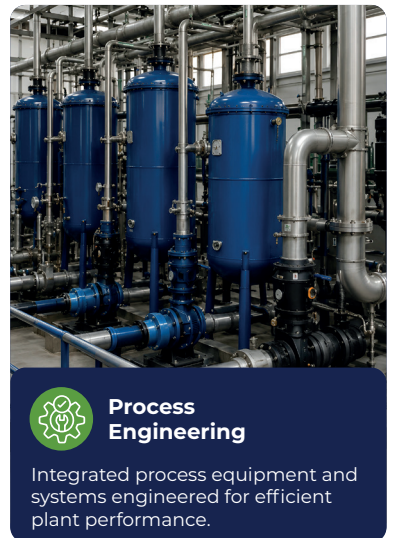
CORPORATE INFORMATION

	Company Name	HMS Environmental Engineering Pvt. Ltd.
	Associated Entity	MS Technical
	Business Type	Private Limited Company
	Industry Focus	Water, Wastewater & Utility Infrastructure
	Core Services	<ul style="list-style-type: none"> • Engineering Design • Turnkey EPC • O&M • AMC
	GST Registration	Registered
	PAN Registration	Registered
	MSME Registration	MS Technical (Registered MSME)
	Project Sectors	<ul style="list-style-type: none"> • Residential • Commercial • Industrial • Infrastructure



Automation & Process Control

PLC based monitoring and control for reliable plant operation.



Process Engineering

Integrated process equipment and systems engineered for efficient plant performance.

CORPORATE STRENGTHS



INTEGRATED DELIVERY STRUCTURE

Engineering, execution, and operational capabilities under a coordinated approach.



PRACTICAL OPERATIONAL EXPERIENCE

Hands-on understanding of plant operation, maintenance, troubleshooting and improvement.



MULTI-SECTOR CAPABILITY

Experience supporting residential, commercial, industrial and infrastructure projects.



STRUCTURED SERVICE CONTROLS

Committed to quality assurance, safety compliance, and engineering best practices.



LONG-TERM SERVICE APPROACH

Support extending beyond individual works into ongoing operational and asset requirements.

BUSINESS DELIVERY MODEL

(Integrated Services with Turnkey Capability)

1



ASSESSMENT & SOLUTION PLANNING

Understanding system requirements, plant condition, operational needs and improvement opportunities.

2



ENGINEERING & PROJECT SOLUTIONS

Engineering, rehabilitation, upgrades, fabrication and turnkey project execution where required.

3



OPERATION & MAINTENANCE

Plant operation, preventive and corrective maintenance, performance monitoring and technical management.

4



AMC & LIFECYCLE SUPPORT

Structured AMC services, breakdown support, asset performance improvement and long-term technical assistance.



Strong Foundation.
Trusted Partner.



Quality & Compliance.
Industry Standards.



Customer First.
Long-Term Relationships.

LET'S BUILD BETTER INFRASTRUCTURE TOGETHER

Delivering practical engineering solutions
through technical expertise, quality execution,
and long-term support.



CORPORATE INFORMATION



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HOW WE CAN SUPPORT YOU



Annual Maintenance Contracts (AMC)

Structured maintenance
support for reliable plant
operation.



Operation & Maintenance (O&M)

Structured plant
operation, monitoring
and performance
management.



Plant Rehabilitation & Upgrades

Technical assessment,
rectification and
performance improvement
solutions.



Turnkey Engineering Projects

Engineering, fabrication,
installation, commissioning
and handover.



LET'S START A CONVERSATION

Have a plant, system, or upcoming
requirement you would like to discuss?

Share your requirement with our team
and we will arrange an initial discussion
to understand the scope and identify the
appropriate next step.

1



SHARE YOUR REQUIREMENT

Send us your project brief,
plant details, or service
requirement.

2



CONNECT WITH OUR TEAM

Our team will review the
information and coordinate
an initial discussion.

3



PLAN THE NEXT STEP

Based on the requirement,
we can arrange a
technical discussion or site
assessment.



Engineered for **Performance**.
Built for **Reliability**.
Delivered with **Commitment**.



WATER



WASTEWATER



O&M



AMC



TURNKEY ENGINEERING