



OSMOTEC

GENERAL CATALOGUE

**WATER &
ENVIRONMENT**

**PROJECTS
& SERVICES**

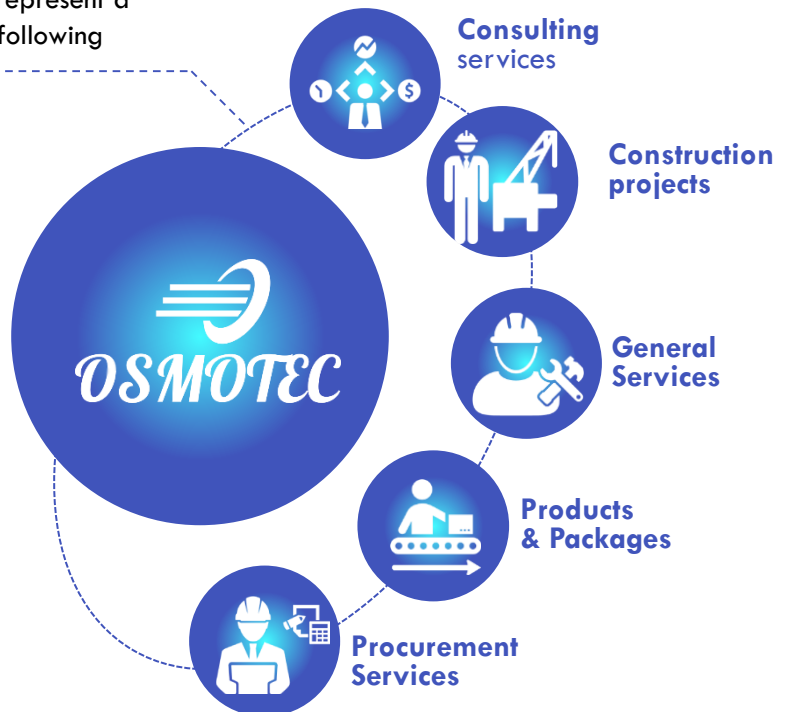




What we do?

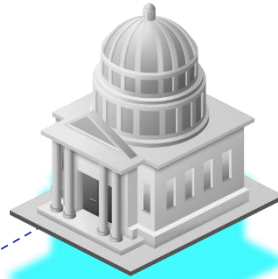
As a global leader in the field of water and environmental engineering, OSMOTEC represent a vast domain of engineering solutions in following categories:

- Construction projects
- Consulting services
- Products and Packages
- Operation and Maintenance
- Procurement Services

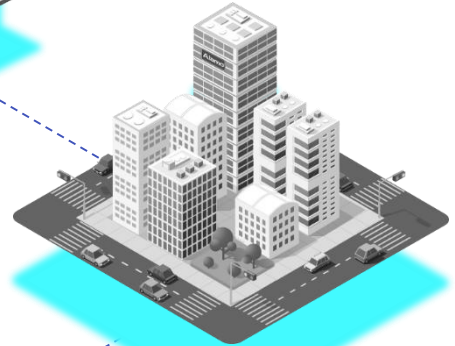


Who we serve? Thanks to our dynamic engineering structure and company's flexibility in dealing with different challenges in different environments we serve all possible costumers from following sectors:

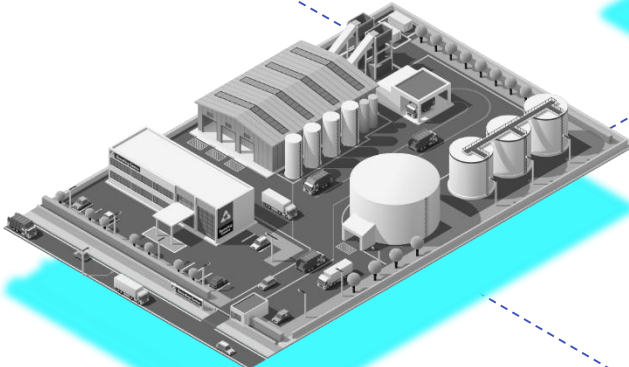
- Governments and States
- Cities and Municipal Regions
- Industries and Private business
- Agriculture Sector
- Small Communities and Buildings



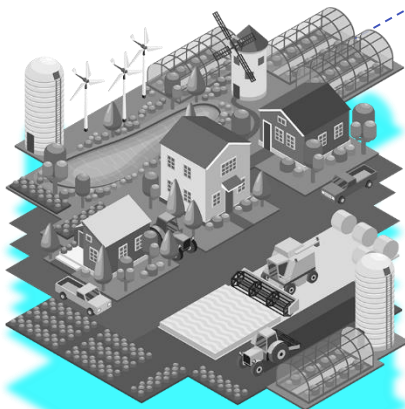
Governments and States



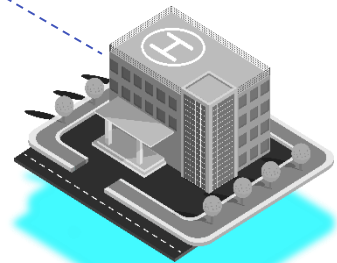
Cities and Municipal Regions



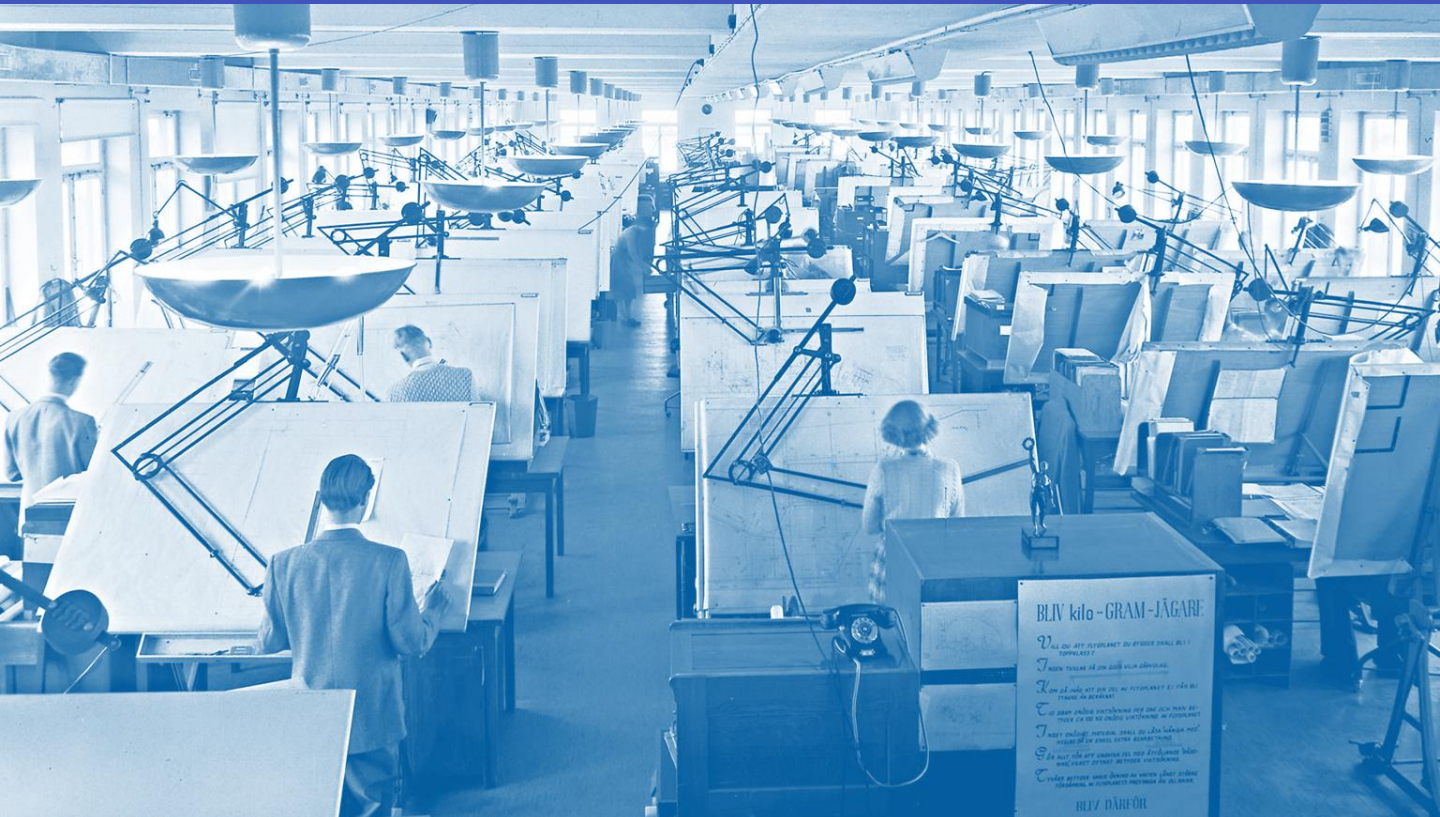
Industries and Private businesses



Agriculture Sector



Small Communities and Buildings



Engineering consulting is one our most important areas of activity which also actively support our construction project specially EPF and DBB projects

Our Expertise

Relying on years of experience in the field of water and environment engineering currently we have a deep knowledge of know-how in almost all major fields of water industry as follows:

- Water Treatment Plants
- Wastewater Treatment Plants
- Hydraulic Structures
- Water Distribution Network
- Water Transfer Systems
- Water Circulating Plants
- Pump Stations

Our Disciplines

Benefiting from years of presence in the market we have developed a strong engineering firm including all the key engineering disciplines plus newly emerged science based departments. They are including:

- Process Engineering
- Electrical, I&C
- Mechanical Engineering
- Civil and Structural Engineering
- Piping Engineering
- Project Management
- Front-End Engineering
- Modeling and Simulation
- Sustainability Services



As a well-known contractor in the field of water and wastewater treatment we are proudly capable to do **construction projects** in almost all terms of contracts from EPC to BOT.

Projects Scale

From a mega plant to one small skid mounted packages, we do our construction projects in any size, following items briefly list our project's scale:

- Mega Infrastructures
- Medium Size Plants
- Containerized Plants
- Skid Mounted Packages
- Pilot Plants

Contract Types

Taking advantages of synergic effect of multidisciplinary presence in water and environment market we are capable of doing projects in almost any terms and they are including:

- EPC & EPCF Contracts
- BOO & BOOT Contracts
- Design Bid Build (DBB)
- Design and Build
- Sub-contracting
- Construction Management



As a reliable service provider in the field of water and environment industry we have extended our services to meet all our customers needs from O&M services to Training.

O&M Services

Many engineering lessons are hidden inside operation and maintenance. And we look at O&M services as an opportunity to learn and not a task to do. Following items are just some of the services we deliver in this field:

- Evaluation Plant Performance
- O&M Contracts
- Upgrading and Troubleshooting

Training Services

Relying on years experience in both O&M and R&D these days we represent the most complete package of training services in the field of water and environment including:

- Manpower Training
- Technical Workshops

Specific Services

Proudly we represent some specific services in harmony with our other areas of activities and they are including:

- HSE Services
- Inspection and QC
- Laboratory Services
- Research Sponsorship



as a consultant and contractor, we know how a piece of equipment or an industrial consuming good should be, what features it should have to meet process requirement. In this regard, thanks to our highly motivated fresh mind in our R&D firm we have developed numerous customized products for water reuse/treatment processes.

Our Unique Products

Taking advantages of having an extraordinary minds within our R&D team, we have developed many unique techniques for a vast spectrum of Environmental challenges.

- Boron Removal Systems
- Electrodialysis
- Chemicals
- HVAC product
- Heat Exchanger

Our Specific Technologies

- High Efficiency Reverse Osmosis (HERO)
- Ultra-High Pressure Reverse Osmosis (UPRO)
- Pulse Flow Reverse Osmosis (PFRO)
- Biological Activated Carbon (BAC)
- Forward Osmosis (FO)

Our Treatment Processes

- Zero Liquid Discharge (ZLD)
- Minimum Liquid Discharge (MLD)
- Reverse Osmosis Desalination (RO)
- Multiple Effect Distillation (MED)
- Activated Sludge Methods (AS)
- Advance Oxidation Processes (AOP)



Relying on years of experience for EPC projects; Today, OSMOTEC is one of the most high-credit (HC) costumers of well-known manufacturers which receives best offers for equipment, consuming goods, and spare parts. Moreover, taking advantage of the qualified experts in QC department, OSMOTEC always receive high-quality products at minimum time. Regarding the mentioned fact, we always encourage our customers to exclude the duty of the procurement from their scope of work and rely on our expertise in this way. We can help you identify the parts you need and ship them quickly. Following items briefly name categories of products we are expert in:

Our Expertise

- Equipment and Packages
- Consuming Goods
- Instrument and Analyzers
- Valves and Actuators
- Pipes and Fittings
- Spare Parts

Pre-Order Services

- Preparation /review of material requisition
- Preparation of Technical Procurement Package
- Assist in Finalization of Vendor List
- Technical Bid Analysis (TBA)
- Preparation of Purchase Specifications

Post-Order Services

- Technical Bid Evaluation(TBE)
- Commercial Bid Evaluation(CBE)
- Vendor Selection
- Review of Vendor Documents
- Expedition from Procurement to Shipment
- Finalization of ITPs
- Inspection & QC Services
- Final Documentation Support

For more information please visit
our website or contact us



Website: www.osmotec.com.au

Address: NO 66, Morduch St, Sydney, Australia

Email: info@osmotec.com.au

Phone: 1300 43 34 43