

**WATER TREATMENT PLANT  
WASTE WATER TREATMENT PLANT  
SEWAGE SYSTEMS**

**ETP**

**STP**

**WATER RECYCLE & REUSE  
TOTAL WATER MANAGEMENT  
CONVEYOR SYSTEMS**

**GET IN TOUCH**

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**IJK  
ENGINEERING**

*TURNKEY PROJECT SOLUTIONS*



# I J K ENGINEERING

**I J K ENGINEERING** is a Mumbai-based start-up & an emerging company in the field of Water & Waste Water Treatment Technologies & Conveyor System / Manufacturing.

We offer single source responsibility for complete water treatment solutions & Conveyor System / Manufacturing for all sectors and stand by its solemn pledge to build a world of pure water.

We have professional Engineers and skilled Technicians and Electricians and professional Sales Personnel who will suggest you the Best Water Systems as per your water condition and family, commercial requirements.

**I J K ENGINEERING** is one of the fastest growing water treatment companies in Mumbai, India. Apart from India, it has executed projects in Tanzania, Zanzibar, Nepal.

# SERVICES OFFERED

*Consultancy*

*Water Analysis*

*Plant Inspection*

*Plant Performance  
Refinement*

*Plant Refurbishing  
Erection &  
Commissioning*

*Packaging System -  
Water, Food & Beverages  
Industries*

# I J K ENGINEERING

## *Our Mission*

Our mission is to deliver safe, value-for-money and value-added services to our customers by providing customized engineered solutions, with highly trained and dedicated employees.

## *Our Service*

We provide Total Water Management, starting with Pre-treatment, Through Treated / Process water to Waste water treatment and its recycle, while addressing the environmental concerns of customers.

## *Our Approach*

We offer our customers an impeccable range of water treatment plants, Waste Water Treatment Plant and equipment.



## PRE-TREATMENT

### Products

- Cascade Aerator
- Flash Mixers
- Clarifiers
- Re-Circular Clarifiers
- Chemical Dosing Systems
- Flocculators
- Clari-Flocculators

### Application

- Aeration
- Coagulation
- Chlorination
- Raw Water Clarification
- Oil Water Separation
- Heavy Metal Separation
- Lime Removal
- Colloidal Silica Removal

## ION EXCHANGE PROCESS

### Products

- Softening Plant
- Split Stream Softening
- Packaged DM Plants
- Multi-Stage DM Units
- Demineralizers
- Cation Polisher
- Dc Ionizer

### Application

- Pharmaceuticals
- Refineries
- Beverages & Breweries
- Distilleries
- pH Control
- Boiler Feed
- Process Water Req.
- High Purity Application

## FILTRATION

### Products

- Pressure Sand Filter
- Activated Carbon Filter
- Iron/Fluoride/Arsenic Removal Filter
- Gravity Filter
- Micron Filter
- Side Stream Filter

### Application

- RO Pre-Treatment
- Organic Substance Removal
- Elimination of Bad Odour, Color & Taste
- Removal of Suspended Solids
- TSS Removal

## SEWAGE TREATMENT PLANT - STP

### Products

- Compact STP
- FBBR / SBBR STP
- pH Controllers
- UASB Based STP
- Fat & Grease Traps
- Sullage Treatment Units
- Floating Oil Skimmers
- Coarse Bubble Diffusers

### Application

- Residency
- Hospitals
- Hotels
- Shopping Malls
- Complexes
- Institution
- Pre-Aeration
- Removal of Oil, Fat, Grease

## EFFLUENT TREATMENT PLANT - ETP

### Products

- Ultra Filtration
- Membrane Bio Reactor
- Activated Carbon Filter
- TDS Reduction
- TOC Removal
- Sludge Thickeners & Digesters
- Sludge Drying Beds
- Centrifuges

### Application

- Canteen/Kitchen Solid Waste
- Sewage Recycling
- Water Recycling
- Concentrated Process Effluent
- Zero Discharge
- High Purity Water
- Concentration Of Salts
- Silica Removal



## **DOMESTIC WATER PURIFICATION RANGE Products**

- UV Purifier
- UF Purifier
- RO Systems
- Softeners
- Iron Removal Filters
- Drain Pumps
- Central-fugal Pumps

### **Application**

- Removal of Microbiological Contaminants
- Removal of Heavy Metals
- Removal of Iron Content
- Removal of Hardness
- Removal of Dissolved Solids
- Rain Water Harvesting & Conservation Systems
- High Pressure Applications

## **MEMBRANE FILTRATION & DISINFECTION SYSTEM Products**

- Ultra Filtration
- Nano Filtration
- Reverse Osmosis
- UV Disinfection
- Membrane Filtration
- Micron Filtration
- Ozonation

### **Application**

- Portable Water
- Packaged Drinking Water
- Municipal Water Supply
- Industrial / Institutional / & Residential Use

## SERVICES

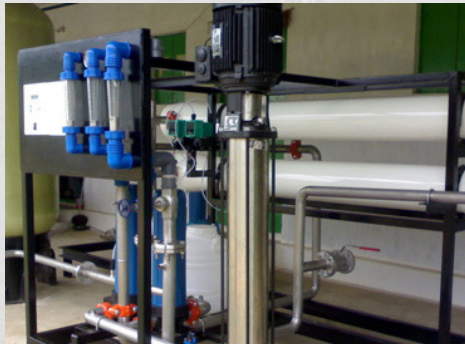
Plant Servicing  
Operation & Maintenance  
Annual Maintenance  
Up-gradation & Revamping  
Automation  
Instrumentation  
Calibration  
Pump & Motor Services  
Plumbing & Repairs  
Re-modelling  
Plant Inspections  
Water Purification  
Water Filtration  
RO & UV  
Water Quality Testing  
Back-flow Testing  
Drainage Systems  
Rain Water Harvesting  
Piping  
STP & ETP  
Water Treatment Plant  
\*All Other Types Of Servicing\*

## SPARE PARTS

Motor Rewinding  
Impeller  
Shaft  
Mechanical Seal  
Casing  
Studs  
Spacer  
Coupling  
Nozzle  
Flanges  
Instrumentation & Controls  
Membrane  
Micro Filter  
FRP Vessels  
Multiport Valves  
Strainer  
Media & Resins  
Dosing Pumps  
Flow Meter & Roto Meter  
pH Meter & Conductivity Meter  
Valve Ejectors  
\*All Other Spare Parts\*



## WORKS



## OUR CLIENTS

**MeTL Group - Tanzania**

**Mount Meru Group - Tanzania**

**Mount Meru Millers Ltd - Tanzania**

**DPI Simba Ltd - Tanzania**

**WalkWater Technology - Tanzania**

**Nungwi Dreams - Tanzania**

**Maxima Industries - Tanzania**

**SBC Tanzania Ltd (Pepsi)**

**Sea Cliff Resort & Spa - Zanzibar**

**Pro-Eco Solutions - Mumbai**

**MBA Engineering - Mumbai**

**SDS Engineering - Mumbai**

**Shree Veer Engineering - Mumbai**





**WE SERVE ALL INDUSTRIES**

**TOTAL WATER  
MANAGEMENT &  
PACKAGING SOLUTIONS**



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&  
REUSE**



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EFFECTIVE &  
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EFFICIENCY  
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**SAVE WATER BEFORE  
ITS TOO LATE**



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