

# ENGINEERING EXCELLENCE FOR **A GREENER WORLD**



OUR PROJECT  
**CATALOGUE**



# ABOUT US

## CHARM Ltd. is a globally certified

Environmental engineering company with over 13 years of excellence in delivering sustainable and high-impact infrastructure solutions.

Since 2013, we have been leading innovation in water and wastewater treatment, supporting industries and communities in building a cleaner and safer future.

Founded by professionals from Bangladesh, Malaysia, Thailand, and Germany, CHARM combines global expertise with local insight to deliver advanced, adaptable, and environmentally responsible solutions.

We offer end-to-end services from feasibility and design to installation and long-term operation ensuring quality, compliance, and sustainability in every project aligned with international standards.

## MISSION

To deliver exceptional value through engineering excellence in infrastructure, environmental solutions, and resource management ensuring sustainable growth for our clients and communities.

## VISION

To uphold the highest standards of operational performance and business ethics, driven by integrity, transparency, and a commitment to long-term environmental sustainability.

## CORE VALUES

- **Integrity** – We conduct business with honesty and transparency
- **Sustainability** – We prioritize environmentally responsible solutions
- **Innovation** – We embrace advanced technologies and continuous improvement
- **Quality** – We ensure excellence in every project we deliver
- **Commitment** – We are dedicated to client satisfaction and long-term partnerships



# OUR SERVICES

We offer a comprehensive range of environmental and engineering solutions:

- ✔ Sewage Treatment Plant (STP)
- ✔ Effluent Treatment Plant (ETP)
- ✔ Wastewater Treatment Plant (WWTP)
- ✔ Water Treatment Plant (WTP)
- ✔ Reverse Osmosis (RO) Plant
- ✔ Zero Liquid Discharge (ZLD) Plant
- ✔ Iron Removal Plant (IRP)
- ✔ Water Softener Plant
- ✔ FRP Products
- ✔ Industrial Pumps (All Types)
- ✔ Operation, Maintenance & Testing Services
- ✔ Construction & Architectural Services
- ✔ Solar Energy Solutions
- ✔ Design & Engineering Consultancy



## SECTORS WE SERVE

Industrial Sector



Domestic & Municipal Projects



Hospitals & Healthcare Facilities



Hotels & Resorts



Textile & Tanneries



Cities & Townships



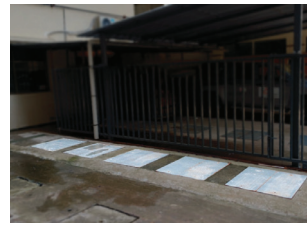
# STP PROJECTS BY JOHKASOU TECHNOLOGY



Project Name: **Tangail Sadar Medical College Hospital**  
Capacity: 250 m<sup>3</sup>/day  
Location: Tangail Sadar, Tangail



Project Name: **Cox's Bazar Development Authority**  
Capacity: 80 m<sup>3</sup>/day  
Location: Cox's Bazar



Project Name: **Hotel Sayeman Heritage**  
Capacity: 80 m<sup>3</sup>/day  
Location: Cox's Bazar



Project Name: **Govt. Officers Residential Building (CGS Colony)**  
Capacity: 450 m<sup>3</sup>/day  
Location: Agrabad, Chittagong



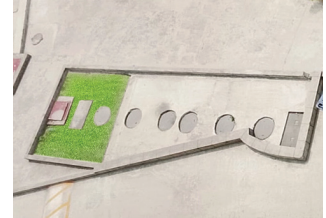
Project Name: **Bangladesh Institute of Health Management (BIHM)**  
Capacity: 300 m<sup>3</sup>/day  
Location: Savar, Dhaka



Project Name: **Mana Bay Water Park Office**  
Capacity: 50 m<sup>3</sup>/day  
Location: Gazaria, Munshiganj



Project Name: **Mana Bay Water Park**  
Capacity: 200m<sup>3</sup>/day  
Location: Gazaria, Munshiganj



Project Name: **Mana Bay Water Park (Dorm)**  
Capacity: 50m<sup>3</sup>/day  
Location: Gazaria, Munshiganj



Project Name: **ACS Farmhouse (ACS Textile)**  
Capacity: 20m<sup>3</sup>/day  
Location: Dumni, Khilkhet



Project Name: **(DNCC) Mayor's House**  
Capacity: 10 m<sup>3</sup>/day  
Location: Sector 04, Uttara, Dhaka



Project Name: **Saif Mansion (ABC House)**  
Capacity: 5 m<sup>3</sup>/day  
Location: Gulshan 02



Project Name: **Aligonj Govt. Housing**  
Capacity: 450 m<sup>3</sup>/day  
Location: Pagla, Narayanganj



Project Name: **Madaripur 10 Storied Building Combined Govt. Office**  
Capacity: 30 m<sup>3</sup>/day  
Location: Madaripur Sadar



Project Name: **Paikpara Govt. Officers Building**  
Capacity: 1050 m<sup>3</sup>/day  
Location: Paikpara, Mirpur 1



Project Name: **12 Engineers**  
Capacity: 20 m<sup>3</sup>/day  
Location: 14 independent engineers brigade, Dhaka Cant.



Project Name: **Shaker Ahmed Residence**  
Capacity: 12 m<sup>3</sup>/day  
Location: Baridhara, Diplomatic Zone



Project Name: **Hotel Beach Club**  
Capacity: 5 m<sup>3</sup>/day  
Location: Cox's Bazar



Project Name: **Sheikh Fazle Rabbi Park Police Box**  
Capacity: 2 m<sup>3</sup>/day  
Location: Gulshan 1, Dhaka



Project Name: **Mohakhali Public Toilet**  
Capacity: 5m<sup>3</sup>/day  
Location: Mohakhali Rail Crossing



Project Name: **Dhaka Cantonment**  
Capacity: 5 m<sup>3</sup>/day  
Location: Dhaka Cantonment

# STP PROJECTS BY JOHKASOU TECHNOLOGY



Project Name: **Lawtola Khal Public Toilet**  
Capacity: 2 m<sup>3</sup>/day  
Location: Bosila Mohammadpur



Project Name: **Basuhndhara Group Chairman's Residence**  
Capacity: 10 m<sup>3</sup>/day  
Location: Bashundhara Residential Area



Project Name: **Moheshkhali Jetty**  
Capacity: 5 m<sup>3</sup>/day  
Location: Moheshkhali, Cox's Bazar



Project Name: **HAssh Homes**  
Capacity: 10 m<sup>3</sup>/day  
Location: Purbachal New Town Narayanganj



Project Name: **Gava Private LTD**  
Capacity: 25 m<sup>3</sup>/day  
Location: DEPZ, Ashulia, Savar



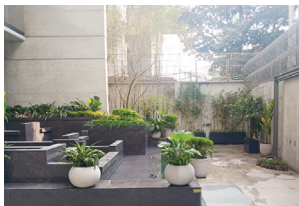
Project Name: **EPYLLION GROUP**  
Capacity: 80 m<sup>3</sup>/day  
Location: Banglabazar, Joydebpur, Gazipur



Project Name: **Smart Traffic Police box STP-1 (Agargaon)**  
Capacity: 2 m<sup>3</sup>/day  
Location: Agargaon



Project Name: **Bay Footware**  
Capacity: 30 m<sup>3</sup>/day  
Location: Mouchak, Kaliakair, Gazipur-1700



Project Name: **Panam House**  
Capacity: 5 m<sup>3</sup>/day  
Location: Road 19, Gulshan 2, Dhaka.



Project Name: **Rab 3 Headquarter**  
Capacity: 120 m<sup>3</sup>/day  
Location: Jheel Par, Shahjahanpur, Dhaka



Project Name: **STP for PIONEER WASHTECH**  
Capacity: 90 m<sup>3</sup>/day  
Location: Gazipur, Dhaka



Project Name: **Smart Traffic Police box**  
Capacity: 2 m<sup>3</sup>/day  
Location: Sher-e-Bangla Nagar, Mirpur Road



Project Name: **Kuwait Bangladesh Friendship Government Hospital**  
Capacity: 160 m<sup>3</sup>/day  
Location: Isakha Ave, Uttara, Dhaka



Project Name: **Smart Traffic Police box (Mirpur-13)**  
Capacity: 2 m<sup>3</sup>/day  
Location: DNCC



Project Name: **Khilkhet Public Toilet**  
Capacity: 2 m<sup>3</sup>/day  
Location: Khilkhet, Dhaka



Project Name: **Aligonj Govt. Housing (Zone 2)**  
Capacity: 150 m<sup>3</sup>/day  
Location: Pagla, Narayanganj.



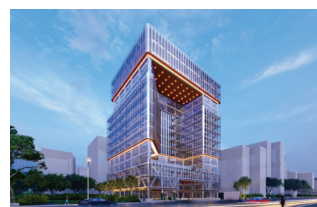
Project Name: **STP for Eskayef Pharmaceuticals Limited**  
Capacity: 40 m<sup>3</sup>/day  
Location: Tongi, Gazipur



Project Name: **STP for Akij Group Chairmans House**  
Capacity: 2 m<sup>3</sup>/day  
Location: Gazipur



Project Name: **STP for Dushtha Shasthya Kendra (DSK)**  
Capacity: 100 m<sup>3</sup>/day  
Location: Ukhiya, Cox's Bazar, Ctg



Project Name: **STP for Business Park (Rupayan Group)**  
Capacity: 20 m<sup>3</sup>/day  
Location: Bashundhara

# STP PROJECTS BY JOHKASOU TECHNOLOGY



Project Name: **STP for COX BAZAR FLAT PROJECT-1**  
Capacity: 15 m<sup>3</sup>/day  
Location: Cox bazar



Project Name: **Potenga Sea Beach Public Toilet**  
Capacity: 15 m<sup>3</sup>/day  
Location: Patenga Sea Beach, Chattogram



Project Name: **STP for Bangladesh Fisheries Development Corporation (BFDC)**  
Capacity: 70 m<sup>3</sup>/day  
Location: Airport Rd, Cox's Bazar, Chattogram



Project Name: **STP for MSF HOH Hospital**  
Capacity: 20 m<sup>3</sup>/day  
Location: Chattagram



Project Name: **WWTP-1 for Matarbari Port**  
Capacity: 50 m<sup>3</sup>/day  
Location: Matarbari, Maheshkhali Upazila, Cox's Bazar, Chattogram



Project Name: **WWTP-2 for Matarbari Port**  
Capacity: 50 m<sup>3</sup>/day  
Location: Matarbari, Maheshkhali Upazila, Cox's Bazar, Chattogram



Project Name: **STP for Bastuhara Colony, Zone 1**  
Capacity: 30 m<sup>3</sup>/day  
Location: Bastuhara Colony, Khulna City Khulna



Project Name: **STP for Bastuhara Colony, Zone 2**  
Capacity: 30 m<sup>3</sup>/day  
Location: Bastuhara Colony, Khulna City Khulna



Project Name: **Paikgacha Pouroshova STP project**  
Capacity: 15 m<sup>3</sup>/day  
Location: Paikgachha, Khulna



Project Name: **STP for Rangpur Novotheater**  
Capacity: 150 m<sup>3</sup>/day  
Location: Rangpur



Project Name: **STP for Debonair Padding & Quilting Solution Ltd (DPQSL)**  
Capacity: 70 m<sup>3</sup>/day  
Location: New DOHS, Mohakhali



Project Name: **STP for Yamaha Manufacturing Plant**  
Capacity: 50 m<sup>3</sup>/day  
Location: Rajendropur, Gazipur



Project Name: **STP for Nourish poultry & hatchery ltd**  
Capacity: 20 m<sup>3</sup>/day  
Location: House 39, Sonargaon Jonopod Road, sector 7, Uttara



Project Name: **STP for RAB Headquarter**  
Capacity: 240 m<sup>3</sup>/day  
Location: Ashkona, near Shahjalal International Airport, Dhaka



Project Name: **STP for Square Pharmaceuticals**  
Capacity: 50 m<sup>3</sup>/day  
Location: Rajendropur, Gazipur



Project Name: **STP for SHAHJAHAN HOMES**  
Capacity: 12 m<sup>3</sup>/day  
Location: Police plaza concord, Hatirjheel area, Gulshan-1



Project Name: **Smart Traffic Police box (Gulshan-1)**  
Capacity: 2 m<sup>3</sup>/day  
Location: Police plaza concord, Hatirjheel area, Gulshan-1



Project Name: **Smart Traffic Police box (Karwan Bazar Signal)**  
Capacity: 2 m<sup>3</sup>/day  
Location: Karwan Bazar Signal



Project Name: **STP for Fatematuzzohra Residence**  
Capacity: 5 m<sup>3</sup>/day  
Location: Bashundhara Residential Area

## STP AT BARISHAL CANTONMENT (LEBUKHALI, BARISHAL)



Project Name: **22 Engineers**  
Capacity: 100 m<sup>3</sup>/day



Project Name: **66 Bengal**  
Capacity: 100 m<sup>3</sup>/day



Project Name: **62 Bengal**  
Capacity: 100 m<sup>3</sup>/day



Project Name: **41 Bir**  
Capacity: 100 m<sup>3</sup>/day



Project Name: **12 Signal**  
Capacity: 40 m<sup>3</sup>/day



Project Name: **6-Brigade**  
Capacity: 40 m<sup>3</sup>/day



Project Name: **Station HQ**  
Capacity: 40 m<sup>3</sup>/day



Project Name: **DIV. Headquarter**  
Capacity: 40 m<sup>3</sup>/day



Project Name: **7 FI (Lady Barrack)**  
Capacity: 40 m<sup>3</sup>/day



Project Name: **MES Barrack**  
Capacity: 40 m<sup>3</sup>/day



Project Name: **7 Artillery**  
Capacity: 40 m<sup>3</sup>/day

## PROJECTS BY MBR TECHNOLOGY

### STP PROJECTS



Project Name: **Rooppur Nuclear Power Plant R/A Green City**  
Capacity: 1500 m<sup>3</sup>/day  
Location: Ishwardi, Pabna



Project Name: **Bangladesh Secretariat**  
Capacity: 500 m<sup>3</sup>/day  
Location: CCA Bhaban, Segunbagicha

### ETP PROJECTS



Project Name: **Knit Concern Group**  
Capacity: 6000 m<sup>3</sup>/day  
Location: Godnail, Narayanganj



Project Name: **Knit Concern Group**  
Capacity: 2500 m<sup>3</sup>/day  
Location: Godnail, Narayanganj



Project Name: **Next Accessories Ltd.**  
Capacity: 250 m<sup>3</sup>/day  
Location: Rupganj, Narayanganj



Project Name: **Labib Dyeing Ltd.**  
Capacity: 3600 m<sup>3</sup>/day  
Location: Gazipur



Project Name: **Maxcom int'l (BD)Ltd.**  
Capacity: 1920 m<sup>3</sup>/day  
Location: Hemayetpur, Savar

## WTP PROJECTS



Project Name: **Sheikh Hasina Hospital**  
Capacity: 35 m<sup>3</sup>/day  
Location: Tangail Sadar, Tangail



Project Name: **Seikh Hasina Medical College**  
Capacity: 15 m<sup>3</sup>/day  
Location: Tangail Sadar, Tangail



Project Name: **Mana Bay Water Park (Dorm)**  
Capacity: 1.5 m<sup>3</sup>/day  
Location: Gazaria, Munshiganj



Project Name: **ACS Textile Chairman House**  
Capacity: 1.5 m<sup>3</sup>/day  
Location: Baridhara Diplomatic Zone, Dhaka



Project Name: **Mirpur Cant. Swimming pool.**  
Capacity: 30 m<sup>3</sup>/day  
Location: Mirpur 12 cant. Mirpur 12



Project Name: **Akij Group Chairman's House**  
Capacity: 1 m<sup>3</sup>/hr  
Location: Muksudpur, Gopalganj



Project Name: **Tangail DPHE**  
Capacity: 750 KLD  
Location: Tangail



Project Name: **Splash Dormitory**  
Capacity: 1.5 m<sup>3</sup>/hr  
Location: Gazaria, Munshiganj

## SOLAR PROJECTS



Project Name: **Rooftop Solar PV System Power at Stuffing/De-Stuffing Shed**  
Capacity: (668.5 kWp DC / 600 KW AC)  
Location: Mongla Port, Mongla, Bagherhat



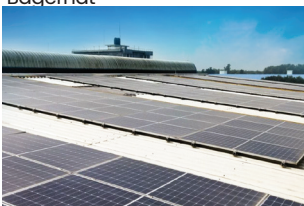
Project Name: **Solar at Pioneer Wash-Tech Ltd**  
Capacity: (1146.4 kWp DC / 1000 KW AC)  
Location: Nayarhat, Ashulia, Savar, Dhaka



Project Name: **Solar at Al-Islam Textile Ltd**  
Capacity: (350kWp DC / 300KW AC)  
Location: Karnapara, Savar, Dhaka



Project Name: **Solar at MEHER GARMENTS LTD.**  
Capacity: (143.7 kWp DC / 125 KW AC)  
Location: Sagorika Road, Pahartoli, Chattogram



Project Name: **MOHORA ASIAN APPARELS LTD.**  
Capacity: (162.5 kWp DC / 125 KW AC)  
Location: Kalurghat, Chandgoan, Chittagong



Project Name: **Solar at KHANTEX FASHIONS LIMITED**  
Capacity: (369 kWp DC / 300 KW AC)  
Location: Gazipur, Dhaka



Project Name: **Solar Power at Knit Concern Ltd,**  
Capacity: (952.8 kWp DC / 800 KW AC)  
Location: Narayanganj, Dhaka



Project Name: **Midsummer Panel Based Solar at Pioneer Knitwear**  
Capacity: (95 kWp DC / 80 KW AC)  
Location: Valuka, Mymensingh



Project Name: **M.V. Malangi Ship Midsummer Panel Based Project**  
Capacity: (3.3 kWp DC / 3 kW AC)  
Location: Jailkhana Ghat, Khulna



## FRP PROJECTS



Project Name: **Charm Ltd. Mosque**  
Location: Gulshan 2, Dhaka



Project Name: **Kitchen Rooftop**  
Location: Gulshan 2, Dhaka



Project Name: **Residential Rooftop Project**  
Location: Gazipur bason sarak



Project Name: **Bay Footwear LTD.**  
Capacity: 200 m<sup>3</sup>/day.  
Material : FRP

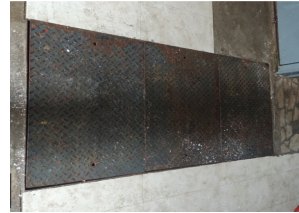
## Grease Trap



Project Name: **Jolshiri Central Park-Brew Splash Cafe**  
Capacity: 40 m<sup>3</sup>/hr.  
Material : SS 304



Project Name: **Daiki Axis Bangladesh office-canteen.**  
Capacity: 100 m<sup>3</sup>/hr.  
Material : FRP



Project Name: **Hotel Sayeman Heritage.**  
Capacity: 6 m<sup>3</sup>/day.  
Material : FRP

## Others



Project Name: **Smart Police Box.**  
Type : Container type police box.  
Units : 4 Nos.  
Location : Agargaon, Asadgate, Shyamoli, Gulshan 1

## OUR PRODUCTS

### STP & ETP



**JOHKASOU STP**  
BRAND: DAIKI AXIS, JAPAN



**MEMBRANE BIO REACTOR**  
BRAND: MITSUBISHI CHEMICAL, JAPAN



**MEMBRANE BIO REACTOR**  
BRAND: SUMITOMO ELECTRONICS, JAPAN

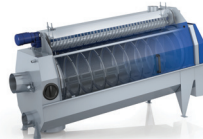
### SCREENING SYSTEMS



**MECHANICAL BAR SCREEN**  
BRAND: BOEEP, CHINA



**GRIT CLASSIFIER**  
BRAND: LACKEY, SWEDEN



**DRUM SCREENS**  
BRAND: LACKEY, SWEDEN

### SLUDGE TREATMENT



**SLUDGE DEWATERING PRESS**  
BRAND: AMCON, JAPAN



**ASHER**  
BRAND: THE ASHER, MALAYSIA

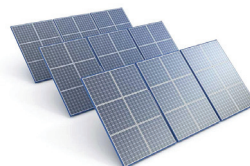
### TERTIARY TREATMENT SYSTEMS



**M.G.F + A.C.F**  
(LOCAL MADE)



**S.F + A.C.F**  
(LOCAL MADE)



**SOLER PANEL**  
BRAND: MID SUMMER, SWEDEN



**AIR-COMPRESSOR**  
BRAND: APCOM, CHINA



**COOLING TOWER**  
BRAND: AOSUA, CHINA

### OTHER EQUIPMENTS

## PUMPS AND PUMPING SYSTEMS



**SUBMERSIBLE PUMP**  
BRAND: TSURUMI, JAPAN



**CENTRIFUGAL PUMP**  
BRAND: EBARA, JAPAN



**CHEMICAL DOSING PUMP**  
BRAND: SEKO, ITALY

## AERATION SYSTEMS



**DIAPHRAGM BLOWER**  
BRAND: YASANAGA, JAPAN



**ROOT BLOWER**  
BRAND: ANLET, JAPAN



**TURBO BLOWER**  
BRAND: TURBOMAX, KOREA



**COARSE BUBBLE DISK DIFFUSER**  
BRAND: KAM AIR, TAIWAN



**FINE BUBBLE TUBE DIFFUSER**  
BRAND: KAM AIR, TAIWAN



**RING BLOWER**  
BRAND: ENVIRO, CHINA

## COMMERCIAL WTP EQUIPMENTS



**FRP VESSEL**  
(LOCAL MADE)



**MS VESSEL**  
(LOCAL MADE)



**RO PLANT**  
BRAND: MITSUBISHI, JAPAN

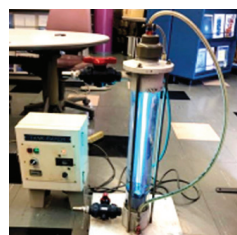


**IR PLANT**  
BRAND: MITSUBISHI, JAPAN

## ZLD & DECOLORING



**ZERO LIQUID DISCHARGE (ZLD)**  
BRAND: MITSUBISHI, JAPAN



**UZON DECOLORING**  
BRAND: UZON, JAPAN



**ACTIVATED CARBON DECOLORING**  
BRAND: J-TOP, JAPAN



**CONE OXYGENATOR**  
LOCAL MADE

## DOMESTIC DRINKING WATER SOLUTIONS



COUNTERTOP  
BRAND CLEANSUI JAPAN



PITCHER  
BRAND CLEANSUI JAPAN



FAUCET MOUNTED  
BRAND CLEANSUI JAPAN



FAUCET MOUNTED  
BRAND CLEANSUI JAPAN

## FRP PRODUCTS



CANTEEN  
TABLE CHAIR  
(LOCAL MADE)



FRP SHEETS  
(LOCAL MADE)



FRP DOORS  
(LOCAL MADE)



LAUNDRY BUCKET  
(LOCAL MADE)



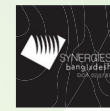
FRP TANKS  
(LOCAL MADE)



## WHY CHOOSE CHARM LTD.?

- 13+ Years of Proven Industry Experience
- Globally Certified Engineering Standards
- International Expertise with Local Adaptation
- End-to-End Turnkey Solutions
- Customized & Cost-Effective Designs
- Strong Commitment to Sustainability
- Reliable After-Sales Support & Maintenance

## OUR VALUABLE CLIENTS



### Office Address

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[www.charmxbd.com](http://www.charmxbd.com)

