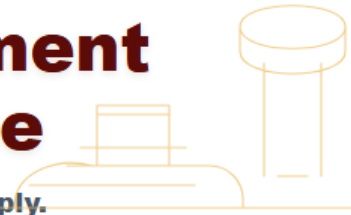


FLAGSHIP PROJECT

Gandharbpur Water Treatment Plant & Raw Water Pipeline

Large-scale water infrastructure supporting safe and reliable supply.


EMPLOYER / CLIENT


Dhaka WASA
(Dhaka Water Supply & Sewerage Authority)

LOCATION


Gandharbpur,
Munshiganj &
Keraniganj,
Dhaka,
Bangladesh

PROJECT COST
USD 407
Million



STATUS
Completed



ARIDOD ROLE
Execution support for major water infrastructure works

SCOPE OF WORK


TREATMENT PLANT WITH INTAKE STRUCTURE
Construction of a modern water treatment plant including raw water intake structure with all associated civil works.



38 KM LONG 2000 MM DIAMETER PIPELINE
Design and construction support for a 38 km long 2000 mm dia raw water transmission pipeline.



BOOSTER PUMP STATION AT KERANIGANJ
Construction support for booster pump station to ensure reliable conveyance and pressure maintenance.



INTERNAL ROAD WORKS
Development of internal roads for operational access and long-term maintenance.

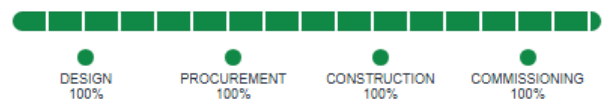


BANK PROTECTION & CIVIL INFRASTRUCTURE
Bank protection works and associated civil infrastructure for system stability and resilience.

PROJECT HIGHLIGHTS

- ✓ Supports Dhaka's growing water demand with a reliable raw water supply system.
- ✓ Advanced treatment processes ensuring high-quality, safe drinking water.
- ✓ 38 km bulk transmission pipeline with large diameter capacity for improved efficiency.
- ✓ Strategically located booster station at Keraniganj for system reliability.
- ✓ Durable civil infrastructure with bank protection for long-term climate resilience.
- ✓ Timely completion with adherence to quality, safety, and environmental standards.

OVERALL PROGRESS
100%
COMPLETED



38 km PIPELINE LENGTH
2000 mm diameter raw water transmission pipeline



Extensive MAJOR CIVIL WORKS
Treatment plant, intake, pump station, roads & bank protection



Robust WATER INFRASTRUCTURE
Built to ensure safe, reliable and sustainable water supply for Dhaka



Execution Excellence
EXECUTION STRENGTH
Comprehensive support ensuring quality, safety & timely delivery