


FLAGSHIP PROJECT

Kamalapur Storm Water Pumping Station Project


Urban drainage resilience through storm water pumping infrastructure.



 **EMPLOYER**
Dhaka Wasa

 **INVESTOR**
World Bank






 **LOCATION**
Kamalapur

 **CONSULTANT /
ROLE**
ARIDOD

 **PROJECT VALUE**
21 Million USD

 **STATUS**
Completed

SCOPE OF WORK / MAJOR COMPONENTS

-  3 Nos. 5 cubic meter/sec capacity pumps
-  Motors and inverters
-  Sump construction
-  Bank protection
-  Pump house
-  Internal roads

PROJECT HIGHLIGHTS

- ✓ Designed to significantly mitigate urban flooding in Kamalapur and surrounding low-lying areas.
- ✓ High-capacity pumping system with advanced automation and SCADA for reliable operation.
- ✓ Robust civil and mechanical infrastructure ensuring long-term durability and minimal downtime.
- ✓ Strengthened embankment and bank protection for enhanced flood safety.
- ✓ Environmentally responsible design to ensure proper outfall management into the adjacent waterbody.
- ✓ Successfully completed and delivered to support urban drainage resilience and community safety.



**15 m³/sec PUMPING
CAPACITY**

High-capacity
flood control
pumping



**7,500 m²+ CIVIL
WORKS**

Concrete
works and
pump station
infrastructure



**1.2 km BANK
PROTECTION**

Resilience and
flood safety
works



1 PUMP HOUSE

Dedicated
pumping
station facility



**100% DELIVERY
STRENGTH**

Successful
completion
and handover