

WATER INFRASTRUCTURE PROJECT

23 km Raw Water Pipeline at Gandharbpur

Construction of raw water pipeline under the Gandharbpur Water Treatment Plant development.



<div>EMPLOYER</div> <div>Gandharpur Water Treatment SNC (Company)</div>	<div>INVESTORS</div> <div>ADB, AFD & EIB</div>	<div>LOCATION</div> <div>Bishnondi to Gandharbpur</div>	<div>EPC / ROLE</div> <div>ARIDOD</div>	<div>PROJECT VALUE</div> <div>USD 34,318,881.00 (Excl. Pipes & Accessories)</div>	<div>STATUS</div> <div>Completed</div>
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SCOPE OF WORK

1. Raw water pipeline installation and commissioning
2. Earthworks
3. Backfilling
4. Bedding
5. Geotextile membrane
6. Embankment
7. Road crossing
8. River crossing
9. Pipe laying
10. Air valves

PROJECT HIGHLIGHTS

- 23 km long raw water transmission pipeline from Bishnondi to Gandharbpur Water Treatment Plant.
- Major diameter pipeline execution ensuring reliable and sustainable raw water supply.
- Designed to secure consistent water conveyance for the treatment plant long-term operation.
- Executed complex road and river crossings with strict quality and environmental compliance.
- Advanced pipe laying techniques with precision alignment and joint integrity assurance.
- Robust backfilling, bedding, and geotextile protection for pipeline stability and longevity.
- Strong field execution, safety management, and timely commissioning.

<div>23 km PIPELINE ROUTE</div> <div>Raw water transmission pipeline</div>	<div>Multiple Crossings</div> <div>Road & river crossings executed</div>	<div>100% COMMISSIONED</div> <div>Successfully tested and commissioned</div>	<div>Extensive EARTHWORKS</div> <div>Excavation, embankment, backfilling & more</div>	<div>Reliable WATER CONVEYANCE</div> <div>Ensuring sustainable raw water supply</div>
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