



# REVIEW & UPDATING OF SEWAGE TREATMENT FACILITIES INCLUDING CAPACITY ENHANCEMENT OF THE EXISTING SYSTEM FOR THE DRAINAGE BASIN AREA OF MUSI

Location	:	Hyderabad, Andhra Pradesh, India
Type	:	Sewerage Scheme
Client	:	Hyderabad Metropolitan Water Supply and Sewerage Board (HMWS&SB), Andhra Pradesh
Completion	:	On-going
Scope of Work	:	Detailed Project Report
Project Cost	:	₹ 750 crores

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## Technical Data

Area	:	574.75 sq. km
Population	:	8.1 million

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## Other Information

Availability of adequate land for construction of STPs in the main core area and difficulties in providing for new treatment facilities and conveying mains within the space available were the major challenges in this project. Many modern technologies had to be considered and evaluated for this project as there is no flow in the drainage basin from upstream of River Musi except for UGD. In order to meet the NRCD requirements, STP Decision Support System and Life Cycle Analysis were used and advanced technologies with additional aeration facilities were recommended.

