



STRENGTHENING, REHABILITATION AND FORMULATION OF WATER SUPPLY FOR 12 ULBS IN HYDERABAD METROPOLITAN AREA

Location	:	Hyderabad Metropolitan Area, Andhra Pradesh, India
Type	:	Water Supply
Client	:	Hyderabad Metropolitan Water Supply and Sewerage Board (HMWSSB), Andhra Pradesh
Completion	:	August 2007
Scope of Work	:	Conceptual Design Report
Project Cost	:	₹ 2,720 crores

Technical Data

Total Project Area	:	425.9 sq. km
Design Period	:	30 years
Number of ULBs	:	12
Population (2006)	:	28.63 lakhs
Projected Population (2041)	:	68.46 lakhs
Water Demand	:	1400 MLD
GSR & ESR	:	450 ML
District Metering Areas (DMAs)	:	~ 500
Pipeline Length	:	~ 3000 km

Other Information

As this was a complex project, in-house GIS tools were developed which assessed the nodal demands and elevations automatically and converted the shape files into EPA Network. These GIS tools which were successfully tested, validated and implemented in this project drastically reduced manual work and minimised errors.

Aarvee was awarded the "Certificate of Merit for Excellence in Consultancy Services for the year 2007" for this project from Consultancy Development Center, an autonomous body of the Ministry of Science and Technology, Government of India.

