

Bulk Water Reservoir

Rehabilitation and Strengthening of Water Supply System under K-III Project, Contact Package-7, Contract WSS-13 Rehabilitation Works of Orangi Reservoir, Construction of new Reservoir and Steel Rising Mains.

Scope of Work

- ✚ Earth Work, Excavation, Concreter Works, construction of water reservoir providing and laying of steel pipes and making connections, providing and fixing air valves, flow meter and butterfly valves.
- ✚ Scope of work includes Construction of 0.5 Million gallon new water reservoir (RCC Structure), water retaining structures and Steel pipelines rising mains to feed the water into reservoir and distribution system.
- ✚ Providing, laying and jointing of Steel pipeline PE external coated with internal cement lining in following dia meter and making connections with the water reservoir and with the existing water distribution system:

Diameter	Length
900 mm	2848 Meter
1200 mm	20 Meter
875 mm	20 Meter
450 mm	430 Meter

- ✚ Penstock gates, Steel special and accessories, Form work class F1, F25: 2679 m²
- ✚ Reinforced Concrete: 2350 m³
- ✚ Washout Chambers, Air valve, Flow Meter Chamber and Butterfly Valve Chamber, Stone Pitching 200mm thick over a bed of 150mm thick soil compacted gravel.



Client

Karachi Water & Sewerage Board, Karachi.

Consultants

MM Pakistan (Pvt.) Ltd.

Location

KW&SB Orangi Reservoir

Cost of Works

Rs.200.00 Million

Year of Completion

May 20th 2010



**Critical and Complex Projects
Bulk Water Reservoir**

