

Bulk Water Pumping Station

Water Crises Management: Upgradation / Construction of 30 MGD Pumping station at Khawaja Ajmer Nagri and 10 MGD Pumping Station at Board office including Electrical Sub Station building at NEK pumping station and Pipe Fittings

Background of Work

Hub Dam Water Reservoir is feeding 100MGD potable water supply to the city of Karachi mostly to the western and northern zones.

Rain water is only feeding source for the Dam reservoir. Due to long dry season the water reservoir became dry and to feed the water supply to the affected areas, emergency work was required to connect the Hub System with Indus System by making connection in available pipelines at Ajmer Nagri close to Manghopir and by making pumping facility to lift the water in available existing design capacity of 30 MGD quantities from the Indus sourced pipelines.

Scope of Work

- ✚ Civil, Mechanical and Electrical Works including pipe laying, strengthening works as the existing pipelines laid as per Gravity Design but now the same pipelines are required to be used as pressure pipelines due to pumping and making connections.
- ✚ Required Civil Work, Building Works, rehabilitation of existing water reservoir, water channels construction of new RCC foundation for the installation of pumps, installation of Pumps (pumps provided by Employer free of cost) specials, pipe laying, making of connections valves rehabilitation and providing, fixing of new 48” and 36” Dia valves.



Client

Karachi Water & Sewerage Board, Karachi.

Supervision

H.Q Engineer 5 Corps, Pakistan Army Liaquat Barracks,
Karachi

Consultants

Nespak

Location

Khawja Ajmeer Nagri, Karachi

Cost of Works

Rs.12.50 Million

Pumps provided by the Employer

Year of Completion

May 12th, 2001

