

**Providing, Laying, Jointing and Testing 12” Dia Steel Pressure Pipeline Naukot to Mithi for Water Supply Scheme District Tharparkar.**

**Scope of Work**

- ✚ Two million gallon per day Bulk potable water supply rising main (Pressure Pipeline) to cater Mithi city Tharparkar (District Head Quarter) and subsequent requirements to meet the demand for the development of coal field infrastructure at Islamkot. Scope of work of Phase-1 limited to Naukot-Mithi city. Lifting of water from Nara Canal near Naukot city (Sindh) by Pumping and Conveyance System by providing and laying of Cross country Pressure Steel Pipeline 12” dia
- ✚ Providing, Laying & Jointing Black steel Pipe 12” (300mm) Dia. Conforming to API 5L Grade-X42: 46.23 Km
- ✚ Jungle clearance and removing: 1,843,358 Sft.
- ✚ Earth work excavation in ashes, sand soft soil (sand dunes): 835,082 Cft.
- ✚ Excavation for Pipeline in trenches and Pits in hard soil: 383,616 Cft.
- ✚ Excavation for Pipeline in trenches and Pits in soft soil: 299,965 Cft.
- ✚ Excavation for Pipeline in trenches and Pits in sandy soil: 3,053,853 Cft.
- ✚ Refilling the excavated stuff in trenches 6” thick Layers. 3,364,831 Cft.
- ✚ Excavation in foundation of building bridges & other structure: 38,373 Cft.
- ✚ Cement concrete plain i/c. placing compacting finishing & curing. 1,779 Cft
- ✚ Pucca bricks Masonary in foundation and plinth in cement, sand & mortar 1:6 : 7,567 Cft
- ✚ Cement concrete plain i/c. placing, compacting finishing and curing in 1:2:4 ratio: 1,384 Cft
- ✚ R.C.C. work 995 Cft
- ✚ Stainless Steel Expansion joints 12” dia to counter the pipeline longitudinal stresses due to temperature change (day/night) in the desert: 29 Nos.



**Client**

Public Health Engineering, Mirpur-Khas Division, Mirpur-Khas (Sindh)

**Supervision**

GoC, H.Q 18 Division Pak Army, Hyderabad

**Location**

Nara Canal near Naukot City to Mithi City District Tharparkar Sindh.

**Cost of Work**

Rs. 129.907 Million

**Year of Completion**

31<sup>st</sup> December 2001

