

**OFFICE OF THE EXECUTIVE ENGINEER**  
**KARACHI DIVISION CIVIL-I, KW&SB**

**B.O.Q.**

SUBJECT: **EMERGENT REPAIR OF 12" DIA M.S. INTERCONNECTION FROM K-III TWIN RISING MAIN FOR IMPROVEMENT OF W-10, GULSHAN-E-IQBAL TOWN.**

ITEM NO.	DESCRIPTION OF ITEMS	QTY	RATE		PER	AMOUNT
			Word	Figure		
Item No. 1	Excavation for pipe line in trenches and pits in all kind of soils of murum i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as directed by the Engineer Incharge. Providing fence guards light, flags and temporary crossing for non-vehicular traffic where ever required lift upto 5 ft. (1.52 m) and lead upto one chain (30.5m)	900			% 0Cft	
Item No. 2	Excavation for pipe line in trenches and pits in hard rock by hammering and chiseling i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as directed by the Engineer Incharge. Providing fence guards light, flags and temporary crossing for non-vehicular traffic where ever required lift upto 5 ft. (1.52 m) and lead upto one chain (30.5m)	1350			% 0Cft	
Item No. 3	Full hire charges of pumping set / day inclusive of wages of driver, assistant or electric energy platform required for placing pump set at lower depth with suction and delivery pipes for pumping out water found at various depth from trenches i/c the cost of erection and dismantling after completion of the job.  Hire charges of pumping set upto 10 HP, pumping out water from 10 feet depth trench.	18			P/Day	
Item No. 4	Manufacturing, supplying & fixing black steel M.S. Pipe made out of M.S. Sheet conforming to API 5L grade X-42, ERW & externally asphalt coated with fiber glass 5 mm thick (AWWA) specification i/c laying, jointing with helical welding in trenches i/c costing with water specified pressure to different dia of pipe (straight) e) 8.7 mm thick (12" dia)	180			P/Rft	
Item No. 5	Providing & fixing M.S. Flange made of ½" thick M.S. Plate having a thickness and total weight as mentioned against each item it includes the hole cost of making holes facing welding nuts & bolts rubber packing while lead fitter, cartage, etc complete. Net weight 5.65 Kgs. g) 12" dia (1/2" thick)	02			Each	