

Specification of Materials and Abstract cost of Hand pump						
S.#	item/Work	Specification	Unit	Qty	Unit Rate (PKR)	Total (PKR)
1	5" inches dia bore hole	Drilling/boring of 5" dia stright bore hole using percussion or any other suitable method in any formation up to a total depth of 70'-120' with complete or as per directions of Engineer.	Rft	80		
2	Blind pipe 4" inches	Providing and Installation of PVC blind pipe 8 KG per 13 feet .BSS Class 'D' or 'C' with suitable working Pressure 4" internal dia and 3.4mm wall thickness or as per Directions of Engineer.	Rft	65		
3	Strainer 4" inches	Providing and Installation of PVC blind pipe 8 KG per 13 feet with strainer vertical slots (13' Long),end cap,filter cloth, BSS Class 'D' or 'B' with suitable working Pressure 4" internal dia and 3.4mm wall thickness or as per Directions of	Rft	26		
4	Bail Plug	Providing and installing wooden bail plug in tubewell BSS Class 'D' working pressure : 5" i/d	No	1		
5	2" dia suction pipe	Providing/Fixing UPVC of Royal/Gadoon/New Tech brand suction pipe 2" dia, 4.7mm wall thickness, 10 feet length and 3.9 kg in weight withh cylinder proper joint with samad bond complete in all respects or as per directions of Engineer.	Rft	70		
6	Hand Pump Machine	Providing and fixing water hand pump (Kawsar/Affridave hand pump) having complete assembly with all accessories which include of pump head, mounting flange, T-Bar handle, pump/connecting rods, rod	SET	1		
7	Excavation	Earth excavation undressed upto single throw of kassi phaorah or shove etc : in ordinary soil	CFT	17.7		
8	Brick blast 4"	Brick blast with pacca bricks material	cft	5.28		
9	Brick Work	P/Laying of Brick Work on a ratio of 1:4 (Service area)	CFT	8.44		
10	PCC 1:2:4	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Cft	30.50		
11	Plaster	Cement plaster 1:4 upto 20' height 1/2" thick	Cft	95.17		
12	3" Nakasi Pipe for drainage	Providing & Fixing of pipe type B Nikasi system including all specials (elbow, tee or bend etc). for sanitary drainage 3" dia as per instruction of incharge engineer.	Rft	6		
13	Wheather shield 02 coats	Providing & apply 02 coats of weather shiled Forest green & electric blue at plaster area and once coat of cement	JOB	70		
14	Name Plate	Name plate/plauqe of having good quality steel having size (18"x15" inches) with Logo	No	1		
Sub total Cost						