

**HTJ LTHE CAMP WATER SUPPLYING PROJECT PLANNING**

N°	DESIGNATION	UNIT	QTY	Ratio H/unit	Man Hours	Resources	Duration (day)	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15
<b>A Mobilisation of Humans &amp; materials resources</b>																						
01	Purchasing & expedition of materials & equipments to the site																					
<b>B HDPE LINE</b>																						
01	TRENCHING EXCAVATION IN SOIL (WIDTH*DEPHT)=(0,70*0,80)M	M3	840,00	0,05	42,00	1 Backhoe loader	5															
02	EXCAVATION IN ROCKY AREA	M3		0,40	-	1 Rock Breaker	-															
03	SAND LAYER (DUNE FINE SAND)	M3	105,00	0,16	16,80	1 Backhoe loader	2															
04	SUPPLY & INSTALLATION OF 75MM 16 BARS HDPE PIPE WITH REQUIRED ACCESSOIRES, VALVES & FLOW METER	MTR	1 500,00	0,01	15,00	1 Crew + Welding Mch	2															
05	BACKFILLING WITH SELECTED SOIL	M3	315,00	0,08	25,20	1 Backhoe loader	3															
06	BACKFILLING ON EMBANKMENT	M3	420,00	0,05	21,00	1 Backhoe loader	3															
<b>C RAW WATER PUMP</b>																						
01	SUPPLY & INSTALLATION OF 25 HP PUMP, 3 PHASES, FLD 48 AMP WITH START DELTA STARTER, NUMBER OF STAGE 10, OUTLET SIZE 100MM	U	1,00	16,00	16,00	1 SUPERVISOR + CRANE	2															
02	SUPPLY & INSTALLATION OF 90MM HDPE PIPE WITH FITTINGS	MTR	200,00	0,04	8,00	1 Crew + Welding Mch	1															
03	ELECTRICAL CABINET WITH CONNEXION TO THE WELL GENERATORS	U	1,00	8,00	8,00	1 Electrical INST	1															
04	TESTING & COMMISSIONING	U	1,00	8,00	8,00	1 SUPERVISOR	1															
05	LTHE CAMP WATER SUPPLY	U	1,00	8,00	8,00	1 SUPERVISOR	1															

**SIGNATURE:**

