

**Equipping Mrusti Water Well With Electro-mechanical
Products**

Item	Description	Unit	Quantity
1	Submersible Pump 6" diameter, semi axial type. Material: Cast Iron Impeller, Cast Iron Diffuser. Flow : 36 m3/hr; Head : 120m. Efficiency: greater than 70% at duty point, NPSH less than 3 meters.	PC	1
2	Submersible Motor 6" HP: Suitable for the Submersible Pump (Item 1), 380 Volt ; 50 Hz. Efficiency: greater than 83% at full load, Power factor 86% at full Load.	PC	1
3	Rising Pipes Rotary with anti-corrosion coating 4" diameter	Lm	92
4	Power Cable, Cupper NYY type, PVC/PVC/CU 3x10mm2	Lm	110
5	110 m water level protection system with cupper cable and 3 electrodes and relay	Ls	1
6	Piezometric tube HDPE100 OD40 PN6	Lm	92
7	Control Panel Board including Solar pump inverter 30KW with filter, Circuits breakers, Steel enclosure, voltage and current protection, voltage current frequency and power meter, cash cables, lugs and wiring and all required accessories for proper	PC	1
8	Gate Valve flanged DN100 PN16	PC	2
9	Check Valve, Nozzle type, DN100 PN16	PC	1
10	Dismantling joint DN100 PN16	PC	1
11	Air release valve triple function DN50 PN16 with isolating valve	PC	1
12	Water meter with pulse output DN100 PN16	PC	1
13	Water level transmitter 4-20 mA analogue output, with vented cable 0-100 meters with panel mounted digital controller and 2 settable digital outputs	PC	1
14	Pressure transmitter 4-20 mA analogue output 0-16 bars with panel mounted digital controller and 2 settable digital outputs.	PC	1
15	Pressure gauge, stainless steel, glycerin filled 10cm dialer, complete with gauge cock 0 - 16 bars.	PC	1
16	Earthing system less than 5 Ohm, complete with AC surge protection	PC	1

17	Accessories including but not limited to: Steel reducer for pump, Steel well head 1.5 cm thickness, steel cable ties, piping, elbows, tees, bolts, nuts, washers, painting, pipe supports, cable trays, lugs, sensor wiring, and all other required accessories for proper installation	LS	1
18	Transportation, Installation, testing and commissioning.	LS	1

Total Price	
Net Value After Discount	
V.A.T	
Grand Total Price	