DMW PLANT

Sr# Description	Qty
DMW Plant	
Requirements:	
• Capacity: 6 m³/hr	
Design TDS:230 PPM	
Treated Water Conductivity: 1-5 micro Siemens/cm	
Treated Water pH: Less than 6	
One Complete System, including the following:	
1 Feed Pump	One
Material of Construction: SS-304	
Type: Horizontal Multistage Centrifugal	
• Capacity: 8 m³/hr	
Pressure: 4 bar	
Motor: 2.2 kW	
Make: CNP, China or equivalent	
2 Dual Media Filter	2
Design Flow Rate: 6 m³/hr	
Media: Sand, Anthracite, Gravel	
Mode of Operation: Manual Augusta 22"	
• Vessel Size: 24" x 72"	
Vessel Material: Fiber Reinforced Plastic	
Control System: Manual Multiport Valve Washing Program 2.5 has a second control of the second control	
Working Presser: 2-5 bar In (Oath Connections of 11) In (Oath Connections of 11)	
• In/Out Connections: 1½ inch	0
3 Deionization Plant	One
DI Type: Cocurrent, Two Beds Decimal Flow Bates Comp3/lbs	
Design Flow Rate: 6 m³/hr Cation Racin Values 225 Library	
Cation Resin Volume: 225 Liters Cation Resin Types Strong Acid Cation Revealts C 100	
 Cation Resin Type: Strong Acid Cation – Purolite C-100 Anion Resin Volume: 225 Liters 	
 Anion Resin Type: Strong Base Anion – Purolite A-400 Net Run: 36 m³ 	
 Mode of Operation: Fully Automatic on Conductivity Set Point Vessel Size: 24" x 62" 	
Vessel Size. 24 X 02 Vessel Material: Fiber Reinforced Plastic	
Control System SIATA, Italy or Equivalent	
Working Pressure: 2-5 bar	
7 10 10 11 41/ 11	
 In/Out Connections: 1½ inch Working Presser: 2-5 bar 	
• In/Out Connections: 1½ inch	
4 Cation Polisher	One
DI Type : Cocurrent, Single Bed	One
Design Flow Rate: 6 m³/hr	
Cation Resin Volume: 175 Liters	
Treated Water pH: Less than 6 Mode of Operation: Manual	
Mode of Operation: ManualVessel Size:18" x 65"	
• Vessel Size.10 X 03	

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	Vessel Material: Fiber Reinforced Plastic Washing Buseaums 2.5 hours	
	Working Pressure: 2-5 bar	
	 In/Out Connections:1½ inch 	
5	Instrumentation and Pipe Fittings/Installation	One Set
	i. Interconnect UPVC Pipes and Fittings	
	ii. Flow meter	
	iii. Level Switch	
	iv. Pressure Switch	
	v. Pressure gauges	