

Ultra Filtration (UF) Water Purification Plants US-1000 Gallons Per Hours

(Required QTY 02 Nos.)

	Name of Item and Specification	Unit Price	Rate	Amount
UF Water Purification Plant 1000GPH with Installation				
Feed Pump	01 No. Feed Pump EU, 1-HP			
Automatic Control Switch	01 No, EU			
Pressure Sand Filter 16”X65”				
Make	USA or Equivalent			
Dimension	16X65			
Vessel Material	FRP-Fiber Class Reinforced Polyester			
Max. Operating Pressure	150 psi (10.5 bar)			
Max. Operating Temp:	120 ⁰ F (49 ⁰ C)			
Vessel Weight	25Kg or high			
Filter Media	Silica Sand			
Mode of Operation	3 Way Manual with Multi-Port Valve			
Jumbo Housing Filtration				
Make	Italy Or Equivalent			
Housing Material	Polypropylene			
Size	20” Jumbo			
Filter Cartridge	Polypropylene Yarn Gold			
Activated Carbon (GAC) Filter				
Vessel Make:	UAE or Equivalent			
Dimension	16X65”			
Vessel Material	FRP-Fiber Glass Reinforced Polyester			
Max. Operating Pressure	150 psi (10.5 bar)			
Max. Operating Pressure	120 ⁰ F (49 ⁰ C)			
Vessel Weight	25Kg or high			
Filter Media	Granular Activated Carbon			
Make	Srilanka or Equivalent			
Model of Operation	3 way Manual with Multiport Valve			
Jumbo Housing Filtration				
Make	Italy or Equivalent			
Housing Material	Polypropylene			
Size	20” Jumbo			
Filter Cartridge	Polypropylene Yarn Gold			

Ultra Filtration System		Unit Price	Rate	Amount
Make	UAE or Equivalent			
Flow Rate	9 US GPM			
Membrane Vessel	FRP			
Membrane Type	Hollow Fiber			
Membrane Size	4''X40''			
Operation	Manual			
Installation Conditions	Drainage and Power interface nearby			
Quantity	04 Nos.			
Ultraviolet Sterilizer				
Lamp Make	USA or Equivalent			
Lamp Life	10,000 hours / 1 year			
Power Consumption	40 watts			
Gold Lamp Out	50,000 MW Sec/cm ²			
Ultraviolet Housing Sump	Stainless Steel			
Quantity of Lamp & Quartz Sleeve	02 Sets			
Flow Merter Pipes & Fitting of the System = 1''				
UPVC Piping and Fitting of the System				
Make	Canada or Equivalent			
Material	UPVC (Schedule 80)			

Reverse Osmosis (RO)Water Purification Plants US-6000 Gallons Per Day

(Required QTY 02 Nos.)

	Name of Item and Specification	Unit Price	Rate	Amount
Reverse Osmosis Water Purification Plant 6000 GPH with Installation				
Feed Pump	01 No. Feed Pump EU, 1-HP			
Automatic Control Switch	01 No, EU			
Pressure Sand Filter 16”X65”				
Make	UAE or Equivalent			
Dimension	16X65			
Vessel Material	FRP-Fiber Class Reinforced Polyester			
Max. Operating Pressure	150 psi (10.5 bar)			
Max. Operating Temp:	120 ⁰ F (49 ⁰ C)			
Vessel Weight	25Kg or High			
Filter Media	Silica Sand			
Mode of Operation	3 Way Manual with Multi-Port Valve			
Jumbo Housing Filtration				
Make	Italy Or Equivalent			
Housing Material	Polypropylene			
Size	20” Jumbo			
Filter Cartridge	Polypropylene Yarn Gold			
Activated Carbon (GAC) Filter				
Make:	UAE or Equivalent			
Dimension	16X65”			
Vessel Material	FRP-Fiber Glass Reinforced Polyester			
Max. Operating Pressure	150 psi (10.5 bar)			
Max. Operating Pressure	120 ⁰ F (49 ⁰ C)			
Vessel Weight	25Kg or high			
Filter Media	Granular Activated Carbon			
Make	Srilanka or Equivalent			
Model of Operation	3 way Manual with Multiport Valve			
Jumbo Housing Filtration				
Make	Italy or Equivalent			
Housing Material	Polypropylene			
Size	20” Jumbo			
Filter Cartridge	Polypropylene Yarn Gold			

Antiscallent Dozing System		Unit Price	Rate	Amount
Make	Italy OR Equivalent			
Liter Per Hours	5-5			
Material	Antiscallent			
Storage Tank	Local 80 Ltrs.			
Quantity	01 No.			
Reverse Osmosis System 6000GPD				
Make	USA or Equivalent			
Operating Pressure up to	180 PSI			
Permeate Recovery	52 ⁰			
Design Temperature	45 ⁰			
Qty of Membrane	04 Nos.			
Membrane Size	4''X40''			
Salt Rejection	65%			
Product Water	35%			
Ultraviolet Sterilizer				
Make	USA or Equivalent			
Lamp Life	10,000 hours / 1 Year			
Power Consumption	40 watts			
Gold Lamp Out	50,000 MW Sec/cm ²			
Ultraviolet Housing Sump	Stainless Steel			
Qty of Lamp & Quartz Sieve	02 Sets			
Flow Merter Pipes and Fitting of the Sytem = 1''				
UPVC Piping & Fitting of the Sytem				
Make:	Canada or Equivalent			
Material	UPVC (Schedule 80)			