

Technical Proposal & Quotation

Water Treatment RO System

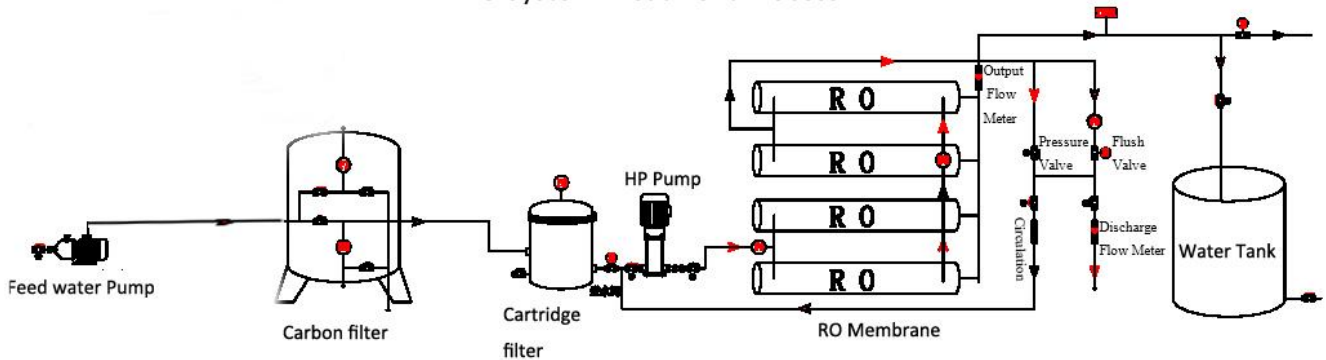


S. N	Capacity per hour	FOB Price (USD)	Power
1	1000L/Hour Industrial RO System	\$3880/Unit	1.8KW/H
1000LPH RO System Operating Limit		RO Membrane Specifications	
Recovery	60—75%	Type	TFC (Thin Film Composite)
Operating Temperature	≤50°C	Material	PA (Polyamide)
Operating Pressure	≤20Bar	Charge	Negative
Electrical Power	Optional	Configuration	Spiral-Wound, FRP Wrapping
Max. SDI (15 min)	≤5.0	Membrane Size	Diameter 4”x Length 40”
pH range	3--10	Effective Area	7.9m ²
Feed Max. Turbidity	≤1.0 NTU	Flow rate	0.25m ³ /Hour
Chlorine Concentration	≤0.1pm	Rejection (%)	98---99%

Equipment's Specification:

1. Treatment Process: Booster Pump-----Sand/Carbon Filter----- PP Cartridge Filter-----RO System

RO System Treatment Process



Scope of Our Work

Our scope of responsibilities will include:

Design of the RO Plant

Supply of Mechanical and Electrical Equipment /RO System

Installation Support (Online /or buyer pay tickets and living & food cost)

Training

Main Parts List

No.	Item Name & Specification	QTY
1	Booster Pump Rated Flow: 2m ³ /hr Rated Head: 30m Material: Stainless	1 Set
2	Sand / Carbon Filter FRP Tank: 1465 Water Distributor Silicon Sand 150kgs Controller Valves (Automatic TMF71B2)	1 set
3	Cartridge Filter Duty: 2m ³ /hr Housing Material: SS304 φ 195×250 Cartridge material: Polypropylene 5 Micron	1 Set
4	High Pressure pumps Duty: 2m ³ /hr@22bar; Rated head: 110m Material: stainless 304 Motor speed: 2900 rpm Driving: 1.1kw Power: 50Hz/3phase/380V (Optional)	1 set
5	RO Module & Housing stainless 4040 Recovery :15% Type of membranes: Brackish water membrane	4 sets

	Dimension of membrane: 4" Diameter X 40" long RO Membrane Housing: SS304		
6	Control Panel Control Automatic Cable Case SUS314		1 Set
7	Other accessories parts		
	Frame(skid)	SS314	1
	High Pressure Gauge	Feed water and reject line	2
	UF/ RO. Flow Meter	Production and reject water	2
	Low Pressure switch	Feed water	1
	Conductivity meter	Feed water with sensor and fittings	1
	pipes and other connect	UPVC	

Parts: Consumable Materials Price List

NO.		Replacement Frequency	Price
1	Pure water silica sand	2-3 years	0.25USD/Kgs
2	Activated carbon	1-2 years	1.5USD/Kgs
3	Soften Resin	15-30 months	1.4USD/Kgs
4	PP filter cartridge 20" 5um	20-40 days	1.5USD/PC
5	RO Membrane 4040	2-3 years	165USD/PC
6	Antiscalant agent	2-3months/Barrel	200USD/25kgs





HINADA WATER TREATMENT TECH CO., LTD

Specializing in water treatment processing and producing UF membrane /MBR membrane/RO System/ UF plant/ MBR system

The documents we will offer with the Reverse Osmosis Plant including:

1. Installation instruction
2. Operation instruction
3. Flow Chart
4. Parts and tool Packing list
5. Inspection report
6. Structure drawing and Dimension drawing

Hinada is a leading manufacturer of water treatment equipment and Membranes since 2014, we have a professional and skilled water treatment engineer's team for years' experience, we always do our best to offer quality service and products and promptly response.

"Whatever your mind can conceive and believe it can achieve."-Napoleon





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