


22/7/2019

To/Eng. Nejma Abu Jame'

**Subject/ Quotation for 30m3/day water desalination unit in Wadi Gaza**

No	Description	Qty	\$ Price	Total \$ Price	
1	<b>Supply and install 30m3/day RO Brackish Water Desalination Plant, Raw water &lt;5000ppm, minimum recovery 75%, comprising of the following:</b>				
1.01	4" diameter ,2 elements ,pressure vessel FRP construction,20 bar	3		6,000	
1.02	4" * 40" High Rejection RO membrane , American type 99.8% rejection	6			
1.03	The packaging frame (Skid) shall be made of galvanized steel-coated three layers.	1			
1.04	Variable area Flow meter on RO Reject and Permeate	2			
1.05	SS 304 RO Multistage High Pressure Pump according to European standards, Q=2m3/h @165m with	1			
1.06	SS 304 RO Feed Pump according to European standards, Q=2m3/h @25m	1			
1.07	20" Sediment filter 5 micron BB with PP housing	2			
1.08	High Pressure Switch (8-32bar), Type: Danfoss or equivalent	1			
1.09	Low Pressure Switch (-0.2-7bar), Type: Danfoss or equivalent	1			
1.10	Glycerin stainless steel pressure gauge	3			
1.11	16 bar PVC piping for all low pressure and high pressure application	1			
1.12	Antiscalant Dosing pump, European origin	1			
1.13	100 liter PE Antiscalant Tank + PVC manual mixer + Electrical Float	1			
1.14	Chlorine Dosing pump, European origin	1			
1.15	100 liter PE Chlorine Tank + PVC manual mixer + Electrical Float	1			
1.18	Electrical float Italian made	2			
1.19	Electrical Control Panel: PLC and Front Screen , CB's, ELCB's,contactors-PKZM's EU type, the price includes all required protection devices to complete the work	1			
<b>Total of item 1: Water Desalination unit</b>			<b>6,000</b>		

Miscellaneous works				
2	<p><b>Stainless steel dispenser unit:</b></p> <ul style="list-style-type: none"> <li>• Stainless steel 304 water dispensing unit 2 mm thickness with SS304 cover + lock (No=2), 1.5m length</li> <li>• Supplied with four taps 1/2" diameter.</li> <li>• Galvanized steel shed 1.25*1.25cm 2mm thickness</li> <li>• Galvanized steel sheets between the sink and shed, to be integrated with Karara panel</li> <li>• Connecting the product water tank to the water dispensing unit with all associated fittings PVC 16bar</li> </ul>	1	1300	1300
3	<p>Supply, install and paint of RO desalination unit built container of 2.5×1.6×2.5 m size with all associate mechanical and electrical installation including any builders works requirements the container will be made of 2 mm galvanized steel sheet, and, Galvanized steel angles for bracing at all faces and roof (at least 40×40×2.2 m), the door is 1×2.2 m with approval key, the container shall be painted from inside and outside with three layer one of primary coating and tow layer of oil paint, the container will be layer on B 250 reinforced concrete slab of 8 cm thick and the frame of container profile 80×40×3 mm, The work includes of the following grill of 1 m high for ventilation.</p>	1	1600	1600
5	<p><b>Product Water Tanks:</b></p> <p>Supply and install permeate water storage stainless steel grade 304 tank with a capacity of 2 m3 .The thickness for sheets be not less 2 mm). The price also includes UV disinfection device inside the tank in addition to the automatic float valve; the electrical and mechanical connections for float valve, The price also include electrical float switches, PVC fittings.The price shall include 4 galvanized steel legs 80*80*3mm and all connections necessary to connect the tank with the RO plant.</p>	1	1500	1500
6	<p><b>Raw Water Tanks:</b></p> <p>Supply and install permeate water storage plastic tank (white Color) with a capacity of 2 m3 with plastic cover, approved type. The thickness for tank shall be not less 8 mm ( two layer). The price also includes the automatic float valve; the electrical and mechanical connections for float valve, The price also include electrical float switches, PVC fittings.The price shall include all connections necessary to connect the tank with the RO plant.</p>	2	200	400
<b>Total of miscellaneous works</b>				<b>4800</b>
<b>Sub Total</b>				<b>10,800</b>
<b>Contribution from Abdul Salam Yaseen Company</b>				<b>800</b>
<b>Grand Total</b>				<b>10,000</b>

  
 شركة عبد السلام ياسين  
 Abdul Salam Yaseen Co.