

AQUA WORX (Pty) Limited

PO BOX 61151
BLUEWATER BAY 6212

CELL 082 411 4846

VAT. REG. 4910262247
CK.2012/100640/07

Email: aquaworx@mweb.co.za

31 PUNTA DEL MAR
DE MIST CIRCLE
BLUEWATER BAY 6210

Re plant. partly

QUOTATION- Revised

10 March 2021



Re Water filtration plant (30 Kl per 8-10 Hr. Day)
Or 3000 L/Hr. plus 25% safety factor.

Based on your water analysis, we would recommend the following plant as per our installation diagram :

1 x Pressure Vessel model 1054 62 Lit. 10 Bar Max. with auto backwash
Electronic control valve – 4500 L/Hr max.
3 x bags Glass Filter Media

1 x Pressure Vessel model 1354 104 Lit. 10 Bar Max. with auto backwash
Electronic control valve - 4500 L/Hr max.
3 x bags Granulated activated carbon - Virgin Coconut Husk
15 Kg KDF Purifier Medium

11 x

Pressure Vessel model 1465 154 Lit. 10 Bar Max. with auto backwash
Electronic control valve – 4500 L/Hr. Max.
4 x Bags Granulated Activated Carbon

2 x Water pump Cast Iron 3200 L/Hr at 3.5 Bar or 4700 L/Hr 2bar
with Auto Controllers

2 x 5 Kl tank diffuser columns

1 x Flocculent Dosing Pump 0,5 to 2 L/hr at 10 Bar
1 x Drum 25 Lit. RD 28 Super Floc

1 x Rotameter 40mm with Flow Control Valve

1 x Solenoid Valve 40mm (1 1/4") 220v. N/C

1 x Lot PVC Solvent Weld piping and fittings.

5 x 5000L 3020 tanks

Prices exclude VAT

Not included : Water tanks, float switches and float valves, civils
or running of electric cables.

CONSULTANT TO THE WATER TREATMENT EQUIPMENT AND PLANT INDUSTRY as below

- | | | |
|------------------------------------|-----------------|---------------------------------|
| • De-Ionisers | De-mineralisers | • Chlorination Dosing Systems |
| • Water Softeners | Reverse Osmosis | • Suppliers of Chlorine Dioxide |
| • PH&CD Control systems | | • Iron Removal Systems |
| • Domestic & Industrial Filtration | | • Flocculation Plants |

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Purification Plant RO

QUOTATION

Date 9 May 2021

Re- Stage Two Water Purification RO Plant

Hi Collin

As requested , here is your quote for the add on RO Purification plant.

Required equipment is as follows:

- 1 x RO Self Diagnostic control panel with all necessary instrumentation and Rotameters
- 4 x RO 4040 Brack water membranes,(estimated Permeate production - 28 M3 to 31 M3/ Day)
- 4 x RO 4040 Membrane Fibre Wound pressure vessels (300PSI) with end ports
- 1 x RO Membrane mounting panel in Blk 10mm chemical resistant Poly Ethylene
- 1 x RO Multistage Vertically mounted 1,5 Kw 220V. High pressure feed pump
- 1 x RO feed pump Auto controller
- 1 x Water meter ¾" ports
- 1x dosing pump for Membrane Anti scaling protection
- 10 Liters (2 x 5 Lit. bottles) Brack water anti- scalant concentrate
- 1 x 50 Liter PE. Chemical dosing drum with 200mm screw on lid for anti – scalant mixture.
- 1 x Brass PR Valve ¾" with gauge
- 1 x PTH 20B (**P**revention of **T**otal **H**ardness) Water Improver as quoted for as an option in our quotation of 10 March 2021 with specs.
- 1 x UV 55 S/Steel 55 Watt UV Sterilizer with Ballast. Max. flow = 2400 L/Hr. at 6 Bar with LED warning system. Useful life = 8000 Hrs for lamp.
- 1 x Hydrosphere 40 Lit. with gauge and service valves (Booster Tank with bladder)
- 1 x lot PVC industrial grade solvent weld piping , fittings and valves including pressure testing and calibration of control panel to ensure satisfactory operation of complete system. New water analysis test certificate in compliance with SABS 241 regulations will also be provided.

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