

Date: 21st August 2014

Containerised Filtration / Disinfection Plant for Remote Areas

(Version 3 – 21.08.14)

Summary Specifications: Low Salinity River Water System

Capacity / Flow Rate: 250,000 litres / day
5,000 people x 50 litres / day
20,000 litres / hour

Filtration: Less than 5 Micron
Method: Ceramic Membrane

Estimated Costing: **Pricing On Special Request**, based on

- Final Site Water Analysis
- Delivery to Kinshasa Warehouse
- Excluding DRC Taxes & Duties
- Excluding Civils at Site



Taste the Difference!

37 Bell Crescent, Westlake business Park, Tokai, 7945
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Tel: +27 21 702 3262 Fax: +27 21 702 3270

Customer Care: 0800 4 WATER

Website: www.h2o.co.za e-mail: info@h2o.co.za

H2O International SA (PTY) LTD Registration number: 2003/002835/07



Detail Information:

- 40 Foot (12 Metre) Container with **Client** Branding and Signage
- Flocculent Injection Point
- Inlet Solenoid Valve (2 Inch Stainless Steel)
- 1 x Ceramic Filter Skid (32 Modules in a complete Skid with Auto Flush)
- 1 x Feed Pump and Motor (Pentax CMT 40 / 125A (3 kW) with IPFC Variable Speed Drive)
- 1 x Backwash Pump and Motor (Pentax CMT 40 / 125A (3 kW) with IPFC Variable Speed Drive)
- PVC Pipework and Fittings
- 1 x Air Scour Assembly
- Rotameter Flow Meter
- Regulating Valve
- Electrical Control Panel with Danfoss Contactors
- 1 x Chlorine Injection System using Klorman Standard Tablet Injection
- 2 x 10,000 litre HDPE Storage Tank
- 1 x Transfer Pump (Pentax CMT 32 / 160A (2.2 kW) with Variable Speed Drive)
- 3 x Manual Stainless Steel Filling Tables with Six Taps per Table.

Container to be supplied as follows:

- 2 x Lockable Doors
- Fluorescent Lighting
- Plug Points
- Internal Dry Walls and Windows
- Power Consumption is approximately 5.9 kW (Solar Panel Sourced)
- Use of Variable Speed Drives have been incorporated to reduce the Peak Load on Start-up.

All available Treatment Processes are offered as a Containerised Option including:

- Reverse Osmosis systems.
- Desalination systems.
- Ultra Filtration systems.
- Conventional filtration systems.
- Complete turnkey treatment plants involving a number of processes.

Note: Both 6 metre and 12 metre containers can be used depending on the capacity requirements, which are refurbished and fitted with windows, doors, lighting, power points and air conditioning. Optional insulated panelling is also available for interior insulation.



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• Water Purifiers • Water Dispensers • Air Purifiers • Coffee Machines • Whole House Water Purifiers • Ice Makers
• Shower Filters • Water Distillers • Water Conditioners • Water Sanitisers • Food Waste Disposers



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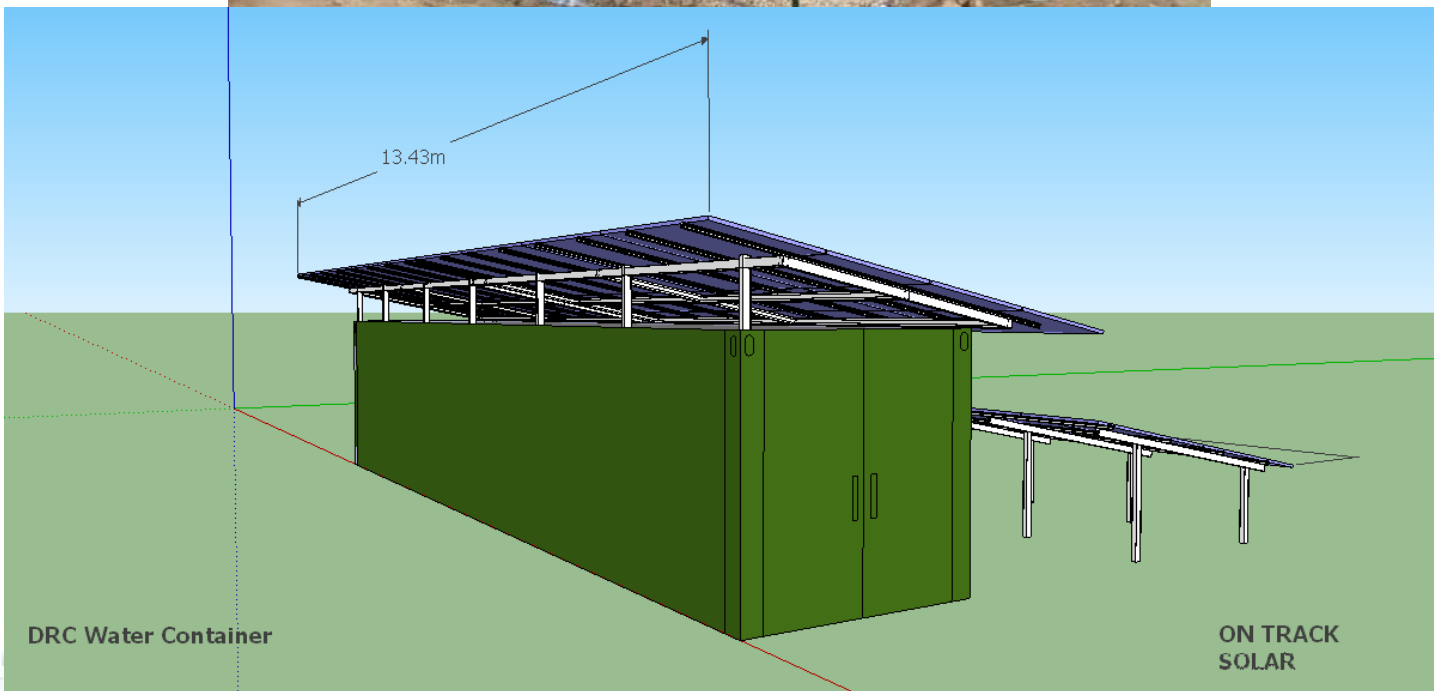
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