Project Proposal

Prepared for: Amina Moses
Prepared by: Terence, Sales Executive
07 July 2016
Proposal number: 123-4567
EXECUTIVE SUMMARY

Enquiry
To set up a water treatment plant that will produce 250 litres per hour using municipal water as the source. The water will be bottled manually, and there will also be an outlet for customers to do their own refills with their own bottles.

Solution
Is a commercial reverse osmosis system complete with pre treatment.

Project Outline
Here is the recommendation below, In Order.
- Raw Water Tank
- Raw Water Pump
- Sand Filter
- Carbon Filter
- Water Softener with Brine Tank
- Reverse Osmosis System
- Pure Water Tank
- Pure Water Pump
- UV Steriliser
- Filling Line
# Price Breakdown for Equipment

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raw Water Tank 5000 Liters (Not Compulsory)</td>
<td>1</td>
<td>R 0</td>
<td>R 0</td>
</tr>
<tr>
<td>Raw Water Pump</td>
<td>1</td>
<td>R 0</td>
<td>R 0</td>
</tr>
<tr>
<td>Sand Filter</td>
<td>1</td>
<td>R 4 000</td>
<td>R 4 000</td>
</tr>
<tr>
<td>Carbon Filter</td>
<td>1</td>
<td>R 5 000</td>
<td>R 5 000</td>
</tr>
<tr>
<td>Water Softener</td>
<td>1</td>
<td>R 7 000</td>
<td>R 7 000</td>
</tr>
<tr>
<td>Chlorine Dosing System</td>
<td>1</td>
<td>R 0</td>
<td>R 0</td>
</tr>
<tr>
<td>RO System 250LPH / Vontron Membrane</td>
<td>1</td>
<td>R 23 999</td>
<td>R 23 999</td>
</tr>
<tr>
<td>Radar Level Switch</td>
<td>1</td>
<td>R 500</td>
<td>R 500</td>
</tr>
<tr>
<td>Pure Water Tank - Stainless Steel 1000 Liter</td>
<td>1</td>
<td>R 7 000</td>
<td>R 7 000</td>
</tr>
<tr>
<td>Pump from Pure Water Tank</td>
<td>1</td>
<td>R 3 500</td>
<td>R 3 500</td>
</tr>
<tr>
<td>10 Inch Fat housing with UDF Filter</td>
<td>1</td>
<td>R 600</td>
<td>R 600</td>
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<tr>
<td>UV 55 watt</td>
<td>1</td>
<td>R 2 500</td>
<td>R 2 500</td>
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<tr>
<td>Water Bar</td>
<td>1</td>
<td>R 12 000</td>
<td>R 12 000</td>
</tr>
<tr>
<td>Parts &amp; Fittings</td>
<td>1</td>
<td>R 2 000</td>
<td>R 2 000</td>
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<tr>
<td>Installation</td>
<td>1</td>
<td>R 3 000</td>
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<tr>
<td>Delivery (Johannesburg or Pretoria)</td>
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<tr>
<td><strong>Total</strong></td>
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<td>R 71 099</td>
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<td><strong>Vat @ 14%</strong></td>
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<td>R 9 954</td>
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<tr>
<td><strong>Total Including Vat</strong></td>
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<td></td>
<td>R 81 053</td>
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</tbody>
</table>
Notes

**Sand Filter System x 1 pc**
FRP Vessel 844  
40 kg Quartz Sand  
Automatic Sand Control Valve  
Riser Pipe & Strainers

**Carbon Filter System x 1 pc**
FRP Vessel 844  
25 kg Coal Based Activated Carbon  
Automatic Control Valve  
Riser Pipe & Strainers

**Water Softener x 1 pc**
FRP Vessel 844  
25 Liter Cation Resin  
Automatic Control Valve  
Riser Pipe & Strainers  
100 litre Brine Tank  
150 kg Salt Included

**Reverse Osmosis System**
Model : 250 LPH  
1 x LP 4040 membrane voltron Membranes  
Max. Pressure: 300PSI

**Water Bar**
Stainless Steel Stand  
Granite Top  
Glass Tank  
Float Valve  
Basic Signage  
Bubble Pump  
Ozone