

Aloha All

I believe I had a very good and productive trip. Mr. Hagino is well on his way to completing the building. GTZ was most supportive. All the people at MAFF seemed enthused about the project. Angela from USAID said this project will be beneficial for not only Acelda and Oils of Aloha but many others in Timor. Nick spent much time with us and I have now heard the grant has been approved. Also, other than the road being washed out, Timor is a picturesque place when it gets a little rain and the green comes through.

Following is a list of the best equipment that I found in Singapore. I could not give out the request for quotes because there were problems in reading it and I did not have an electronic copy to correct. Most prices are Singapore dollars.

1) Barrels:

Greif Singapore  
Almeta Lim  
Key Account Manager  
Industrial Packaging & Services  
Tel : 65-6558 7568 Fax: 65-68634748  
Mobile : 65-9818 2234  
Email : [almeta.lim@greif.com](mailto:almeta.lim@greif.com)

	<u>Product Description</u>	<u>Unit Price (FOB)</u>
1)	216.5L New steel drum, closed head Internally lined with Epoxy Phenolic lacquer RDL 44 SGD 51.00/pc	
2)	210L New steel drum, ISO open head with bungs Internally lined with Epoxy Phenolic lacquer RDL 44 SGD 58.00/pc	
3)	220L Valerex, closed head HDPE drum	SGD 52.00/pc

Order 80 closed head and 6 each open head and HDPE.

2) Air Compressors

Mr. Lim Cheng Guan  
Hup Hong Machinery PTE LTD  
(65) 6296 7711  
[sales@huphong.com.sg](mailto:sales@huphong.com.sg)

Ingersol-Rand Model S515

S\$ 2000 ea

3) Oven

SCIENTIFIC & INDUSTRIAL INSTRUMENTATION PTE LTD 51 Bukit  
Batok Crescent, #03-26/27, Unity Centre, Singapore 658077 Tel: (65) 6862 2866  
Fax: (65) 6862 2677 E-Mail: [siisin@singnet.com.sg](mailto:siisin@singnet.com.sg)  
Alan Chan  
Sales Executive

01. Universal Oven \$2,100.00 \$2,100.00 P/No: UNB 400 Range: +amb to  
+220°C Int. Dim: 400(W) x 400(H) x 330(D) mm c/w 01 pc of S/S perforated  
tray
02. Universal Oven \$2,325.00 \$2,325.00 P/No: UNE 400 Range: +amb to  
+220°C Int. Dim: 400(W) x 400(H) x 330(D) mm c/w 02 pc of S/S perforated  
trays
03. Universal Oven \$2,940.00 \$2,940.00 P/No: UNB 500 Range: +amb to  
+220°C Int. Dim: 560(W) x 480(H) x 400(D) mm c/w 02 pc of S/S perforated  
trays

4) Pumps

Winston Engineering  
65 6863 3338  
[Sales@winstonengineering.com.sg](mailto:Sales@winstonengineering.com.sg)

Wilden Pump  
Diaphragm pump  
Model P2/appp/bn/bn/abn/014  
S\$1276.00

5) Filter press

ANDRITZ SINGAPORE PTE LTD (RCB Ref No: 200203251W) 25 Tuas  
Avenue 4, Singapore 639375 Tel: +65-6512 1800 Fax: +65-6863 4482  
[separation.sg@andritz.com](mailto:separation.sg@andritz.com) [www.andritz.com](http://www.andritz.com)

Lim Chee Chuan  
Sales Engineer

1. NETZSCH Chamber Filter Press Size 470 x 470 mm Model: 021.24/264  
HPA/O ----- Frame Frame size : 470 /  
M Design pressure : 15 bar overpressure Side bars in solid rod section of  
high-grade steel; surface corrosion protected and wear resistant by plastic tube  
cover. Material for head, traverse and end piece: solid steel Type of closure  
: 2-stage hand-hydraulic c/w single-acting cylinder (264 HPA) Closing  
pressure : 380 bar Sludge inlet connection : Center Filtrate discharge :  
Open (through SS304 trough)  
Materials Parts in contact with product : Polypropylene, Nylon Other parts :  
Steel Surface Protection Rust removing by sandblasting as per DIN 55928, Sa  
21/2 1 ply prime coat, 2 ply top epoxy coat (Chrome Yellow RAL 1007)

Filter pack Chambers : 16 Chamber plates : 15 + 2 end pcs Material : Polypropylene Cake thickness : 15 mm Press volume : 34.7 L Filtration area : 5.1 m<sup>2</sup> Max. pressure : 15 bar overpressure Max. temperature : 30 °C Filter plates includes individual discharge valves that can close off the filtrate discharge Core Blowing Device 1 Core blowing filter plate as end plate 1 Manual air inlet valve and non-return valve at core blowing plate Filter Cloths 15 pcs barrel-neck polypropylene filter cloths c/w head and end cloth Drip Tray removable SS304 drip tray placed below filter pack Dimensions and weight Size (approximate) : L 1683 mm x W 975 mm x H 1145 mm Weight (approximate) : 880 kg Price per unit S\$ 13,900

6) Generator

I have not heard from Victoria Timor and all I could find in Sing. were silent type models. You have seen the Denyo quote. I think the DCA25SPK-DA will work.

**New Denyo : For fuel Saving , Low maintenance and Meet the latest environment standard. Most Comprehensive out-door weatherproof design**

1) Model : DCA25ESI

Output : 25kVA at 60Hz

Engine Model/HP/RPM : Isuzu AA-4LE2/26/1500 or 31.9/1800

Voltage : 380-400V

Phase/Wire : 3/4

Power Factor : 0.8

Fuel Consumption at 75% load ,60 Hz : 4.2 litre / hr ( **Fuel Saving** )

Fuel Tank : 70 Litre lasting 16.7 ( **Long operating hour** )

Noise Level at 7 m : 61 dbA ( **Quiet** )

Bare Dimension/Weight : (L1.54 X W0.68 X H0.9) m/ 564 kg

Country of Origin : Japan

Unit Price FOB Singapore : **S\$17,000.00 or US\$10,300.00**

I take this opportunity to introduce Denyo Indonesia plant assembled below model . We believe this quality is as good as Japan assembled because of 3 main reasons . It follow old proven design , made under usual Denyo stringent quality process and main component of Kubota engine is shipped from Japan .

2) Model : DCA25SPK-DA

Output : 25kVA at 60Hz

Engine Model/HP/RPM : Kubota V2203-KC/25/1500

or 32.2/1800

Voltage : 200/400V

Phase/Wire : 3/4

Power Factor : 0.8

Fuel Consumption at 75% load , 60 Hz : 5.2 litre / hour ( **Fuel Saving** )

Fuel Tank : 62 Litre lasting 12 hour ( **long hour** )

Noise Level at 7m : 62 dbA ( **Quiet Type** )

Bare Dimension/Weight : (L1.58 X W0.65 X H0.90) m/600kg( **Easy Transporting**)

Country of Origin : Indonesia

Unit Price FOB Singapore : **S\$13,200.00 or US\$ 8,000.00**

**Nippon Generator NES25E3 25KVA S\$ 15,000**

**Contact I think**

**Tat Hong Heavy Equipment**

**Ng San Wee, David**

**65 6269 0022**

**[david@tathong.com.sg](mailto:david@tathong.com.sg)**

**I am still waiting on shipping and chemicals. All prices are cash and carry.**

**My recommendations are:**

<b>Item</b>	<b>Supplier</b>	<b>Model</b>	<b>Quan</b>	<b>Price S\$</b>	<b>Total S\$</b>	<b>Total US\$</b>
<b>Barrel (shipping)</b>	<b>Greif</b>	<b>216.5 L steel closed</b>	<b>100</b>	<b>51.00</b>	<b>5100</b>	
<b>Barrel (factory)</b>	<b>Greif</b>	<b>210L steel open</b>	<b>6</b>	<b>58.00</b>	<b>348</b>	
<b>Barrel (factory)</b>	<b>Greif</b>	<b>220L HDPE</b>	<b>6</b>	<b>52.00</b>	<b>312</b>	
<b>Air Comp.</b>	<b>Hup Hong</b>	<b>S5L5</b>	<b>2</b>	<b>2000</b>	<b>4000</b>	
<b>Oven</b>	<b>Scientific and Ind.</b>	<b>UNB 500</b>	<b>1</b>	<b>2940</b>	<b>2940</b>	
<b>Pumps</b>	<b>Winston</b>	<b>Wilden P2</b>	<b>2</b>	<b>1276</b>	<b>2552</b>	
<b>Filter Press</b>	<b>Andritz (maybe)</b>	<b>Netzsch 021.24/264</b>	<b>1</b>	<b>13,900</b>	<b>13,900</b>	
<b>Generator</b>	<b>Denyo</b>	<b>DCA25SPK -DA</b>	<b>1</b>	<b>13,200</b>	<b>13,200</b>	
<b>TOTAL</b>					<b>42,352</b>	<b>25,750</b>

**This is at todays conversion rate and no fees or shipping, Probably can get all the rest we need for \$5-7,000.**

**Mahalo**

**Matthew Papania**

