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# Plant Calculation

RW/2018-19/Q\_6846

Date: 04/10/2018

To,  
Mr. Kashyap Kathiriya

**SUB : 2000Ltr. Per Hour R.O. Plant Capacity's Calculation.**

Dear Sir,

As per our discuss the capacity of 2000Ltr. Per/Hour R.O Plant is as per under.

**8hour Production of the one shift =16000Ltr.**

Liter Water	Nos. of Unit.	Unit.
14400	1200	1Ltr. Bottle
14400Ltr. Water		



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### Detail's of Unit Per Shift

- **1Ltr. Bottle Box (1 x 12 Bottles) = Rs. 65.00 (Sell Price/Box)**

1Ltr. Bottle Pre Form : Rs. 2.10

1Ltr. Bottle Cap : Rs. 0.30

1Ltr. Bottle Label : Rs. 0.25

1Ltr. Bottle Box : Rs. 0.65

**Total Material Cost : Rs. 3.30 x 12 Bottles = Rs. 39.60**

**1Ltr. Bottle Box Gross Profit (Sell Price – Cost) = Rs. 25.40**

**1Ltr. Bottle Box Production (1200 Box x Rs.25.40) =Rs.30480**

**(Gross Profit in 1Ltr. Box)**

### A. ExpansE OF Labor Work:

13 Worker	=	40000.00	8 Worker.
		10000.00	for Lab Tech.
		10000.00	for Lab Tech.
		8000.00	One Plant Operator
		8000.00	One Filling Operator
		<u>8000.00</u>	One Blowing Operator.
Total Salary:		<b>84000.00</b>	For One Month
Total Salary:		3230.00	For One Day (Count Per 26 Days)

### B. ExpansE OF Electricity Charge:

Total Elec. Bill.	<b>100000.00</b>	For One Month.
Total Elec. Bill.	3846.00	For One Day. (Count Per 26 Days)



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### C. Interest On Machinery Investment:

3075000.00 Total Project Machinery Values  
**46125.00** Interest For One month  
1774.00 Interest For One Day (Count Per 26 Days)

### D. Expanse OF BIS License and Testing Fee:

125000.00 License Fee/Annual  
40000.00 Testing Fee/Annual  
10000.00 Chemical/Annual  
175000.00 Total Annual Fee  
14583.00 Monthly Charge  
**560.00 For One day charge (Count per 26 Day)**

### Total Expanse per Shift

A. Expanse OF Man Power : Rs. 3230.00  
B. Expanse OF Electricity Charge : Rs. 3846.00  
C. Interest On Machinery Investment : Rs. 1774.00  
D. Expanse OF BIS License and Testing Fee : Rs. 560.00

**Total Expanse per Shift**

**: Rs. 9410.00**



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## Gross Profit Counting

1Ltr. Bottle Box Production (1200 Box x Rs. 25.40) = Rs. 30480.00

Total Gross Profit = Rs. 30480.00

## Net Profit Counting

Total Gross Profit : Rs. 30480.00

Total Expanse per Shift : Rs. 9410.00

Net Profit (Per Shift) : Rs. 21070.00

Net Profit (Count per 26 Day) : Rs. 547820.00