

GSTIN : 24AAECR3013M1ZJ

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# Plant Calculation

RW/18-2019/Q\_392

Date: 25/05/2018

To,  
**Mr. Rajendra Prasad Saini**

**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.

**12 hour Production of the one shift = 24000Ltr.**

Liter Water	Nos. of Unit.	Unit.
9500	791	1Ltr. Bottle
1560	325	200ml. Bottle
9000	720	250 ml Pouch
20060Ltr. 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 (791 Box x Rs.25.40) = Rs.20091.40**  
**(Gross Profit in 1Ltr. Box)**
- 200Ml. Bottle Box (24 Bottles) =Rs. 70.00 (Sell Price/Box)**  
 200Ml. Bottle Pre Form : Rs. 1.00  
 200Ml. Bottle Cap : Rs. 0.30  
 200Ml. Bottle Label : Rs. 0.15  
 200Ml. Bottle Box : Rs. 0.45  
**Total Material Cost : Rs. 1.90 x 24 Bottles = Rs. 45.60**  
**200Ml. Bottle Box Gross Profit (Sell Price – Cost) =Rs. 24.40**  
**200Ml. Bottle Box Production (325 Box x Rs. 24.40) = Rs.7930.00**  
**(Gross Profit in 200Ml. Box)**
- 250 ml Pouch (50 Pouches = 1 Bag)=Rs. 25.00 (Sell Price/Bag)**  
 250 ml Pouch Film : Rs. 0.23  
 250 ml Pouch Pack Bag : Rs. 0.03  
**Total Material Cost : Rs. 0.26 x 50 Pouch = Rs. 13**  
**250 ml Pouch Bag Gross Profit (Sell Price – Cost) =Rs. 12**  
**250 ml Pouch Production 720 Bag x Rs. 12 = Rs.8640.00**  
**(Gross Prof. 250 ml Pouch)**



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## 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
8000.00			One Blowing Operator.
8000.00			One Shrink Operator
Total Salary:		<b>92000.00</b>	For One Month
Total Salary:		3538.00	For One Day (Count Per 26 Days)

## B. Expanse OF Electricity Charge:

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

## C. Interest On Machinery Investment:

4192500.00	Total Project Machinery Values
<b>62887.00</b>	Interest For One month
2418.00	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
<u>10000.00</u>	Chemical/Annual
175000.00	Total Annual Fee
14583.00	Monthly Charge
<b>560.00</b>	For One day charge (Count per 26 Day)



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## Total Expanse per Shift

A. Expanse OF Man Power	: Rs. 3538.00
B. Expanse OF Electricity Charge	: Rs. 3846.00
C. Interest On Machinery Investment	: Rs. 2418.00
D. Expanse OF BIS License and Testing Fee	: Rs. <u>560.00</u>

**Total Expanse per Shift : Rs. 10362.00**

## Gross Profit Counting

1Ltr. Bottle Box Production (791 Box x Rs. 25.40)	=Rs.20091.40
200Ml=. Bottle Box Production (325 Box x Rs. 24.40)	=Rs.7930.00
250 ml Pouch Production 720 Bag x Rs. 12	=Rs.8640.00
<b>Total Gross Profit</b>	<b>=: Rs. 36661.00</b>

## Net Profit Counting

Total Gross Profit	: Rs. 36661.00
Total Expanse per Shift	: Rs. 10362.00
<b>Net Profit (Per Shift)</b>	<b>: Rs. 26299.00</b>
<b>Net Profit (Count per 26 Day)</b>	<b>: Rs. 683774.00</b>