

**RW/2018-19/Q\_12296**

**Date: 09/02/2019**

**To,**

**Mr. Lohit**

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

**Dear Sir,**

**As per our discus 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 |

**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)**

1. **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.

Total Salary: **84000.00** For One Month

Total Salary: 3230.00 For One Day (Count Per 26 Days)

1. **Expanse OF Electricity Charge:**

Total Elec. Bill. **100000.00**For One Month.

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

1. **Interest On Machinery Investment:**

3150000.00 Total Project Machinery Values

**47250.00** Interest For One month

1817.00 Interest For One Day (Count Per 26 Days)

1. **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**

1. Expanse OF Man Power : Rs. 3230.00
2. Expanse OF Electricity Charge : Rs. 3846.00
3. Interest On Machinery Investment : Rs. 1817.00
4. Expanse OF BIS License and Testing Fee : Rs. 560.00

**Total Expanse per Shift : Rs. 9453.00**

**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. 9453.00

**Net Profit (Per Shift) : Rs. 21027.00**

**Net Profit (Count per 26 Day) : Rs. 546702.00**