

**PROJECT PROFILE ON CERAMIC CANDLES (FOR WATER FILTER)**

**Introduction :**

Ceramic candles used for water filtering and fitted inside of the steel tubler or pot for dfilter the water, and to get it bacteria free and these are made of various ceramic raw materials like china clay, Alumina,Quarz,Feldsfar,and combustibile materials. Among the two varities used (1) Candel which gives bacteria free water and (2)the other gives water free from suspended impurities. As per note of filtraaion the candels are classified as domestic type and community type in which rate of filtration is 2 to 3 liters per hour and 6 to 7 per hour respectively. Interested entrepreneurs may contact MSME-DI, 111 & 112 B.T. Road, opposite ISI, Kolkata and central Glass & Ceramic Research Institue, P.O. Jadhavpur University, Kolkata,for technical Know how for manufacture candles for getting bacteria free water.

**1 Name of the Product :** CERAMIC CANDLES (FOR WATER FILTER)

**2 Project Cost :**

a Capital Expenditure

Land	:			Own
Work shed in sq.ft	rented	0	Rs.	-
Equipment	:		Rs.	570,000.00

Ball Mill with accessories and motor/Blunger-1000 ltr capacity with motor/Agitator cement tank capacity 1000 ltrs with accessories aand motor/ Grinding machine with motor/Electrical Drying oven 6X6X3 / Oil fired rectangular /DD kiln one tonne capacity / Plaster of paris Moulds / Office furniture and equipment / Installation of machinary and electrification.

Total Capital Expenditure		Rs.	570,000.00
b Working Capital		Rs.	290,000.00
<b>TOTAL PROJECT COST :</b>		<b>Rs.</b>	<b>860,000.00</b>

**3 Estimated Annual Production Capacity:** (Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	CERAMIC CANDLES ( WATER FILTERS)	100000.00	18.00	1782.80
<b>TOTAL</b>		<b>100000.00</b>	<b>18.00</b>	<b>1782.80</b>

<b>4 Raw Material</b>	:	<b>Rs.</b>	<b>936,000.00</b>
<b>5 Labels and Packing Material</b>	:	<b>Rs.</b>	<b>60,000.00</b>
<b>6 Wages (3-Skilled &amp; 2- Unskilled)</b>	:	<b>Rs.</b>	<b>384,000.00</b>
<b>7 Salaries (1-Manager)</b>		<b>Rs.</b>	<b>120,000.00</b>

**PAGE ( 2 )**

8	Administrative Expenses	:	Rs.	35,000.00
9	Overheads	:	Rs.	85,000.00
10	Miscellaneous Expenses	:	Rs.	45,000.00
11	Depreciation	:	Rs.	57,000.00
12	Insurance	:	Rs.	5,700.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	74,100.00
	b. W.C.Loan	:	Rs.	37,700.00
	Total Interest		Rs.	111,800.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	279,800.00
	Variable Cost		Rs.	1,502,700.00
	Requirement of WC per Cycle		Rs.	297,083.00

**15 Cost Analysis**

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	279.80	167.88	195.86	223.84
2	Variable Cost	1503.00	901.80	1052.10	1202.40
3	Cost of Production	1782.80	1069.68	1247.96	1275.94
4	Projected Sales	2100.00	1260.00	1470.00	1680.00
5	Gross Surplus	317.20	190.32	222.04	253.76
6	Expected Net Surplus	260.00	133.00	165.00	197.00

- Note :
- 1.All figures mentioned above are only indicative.
  - 2.This is model project profile for guidance
  - 3.Cost of Project, and its priority will be changed depends on the area, availability of raw Material, man power, power requirement and various other factors etc..