A MODEL SCHEME ON Concrete Cement Product unit to be set up at place of Rs. 1.99 L

1 Introduction

Reinforced cement concrete spun pipes are generally used in the public Health Engg. Deptt. Public Works Deptt., Agriculture and Forest Deptt. National High-ways, Environment Engg. Deptt& Municipal Corporation etc. These piepes are widely used for water drainage sewerage, culverts and irrigation. RCC pipes are classified as pressure and non-pressure pipes viz. NP1, NP2, NP3, P1, P2 P3 for use in specific conditions. These pipes are made from cement, course and fine aggregate, sand, mild steel and HT rods and bars. This project is enough scope in Rural sector.

2 Brief description of manufacturing

The main process steps are –
(A). Mixing of raw materials.
(B). Mixture pured into different frames/ dices.
© Cooling in water tank

3 Scope of Project

Due to increasing decorative and fashion conciousness amongst urban and rural people it's scope for growth is expected to be steady

4 Location

Any place with good connectivity either in road or in railways or both is suitable for the production of this project.

5 Project Cost ₹ 1,99,900.00

6 Means of finance

a) Own contribution (10%)	Rs.	19990.00
b) Govt. Subsidy	Rs.	25000.00
c) Bank Loan	Rs.	154910.00

7 Total Power requirement (HP/ KWH): HP

8 Project Analysis

f	Pillar Dice 6' sized	₹ 1,200.00	2	₹ 2,400.00
g	Pillar Dice 7' sized	₹ 1,500.00	2	₹ 3,000.00
	Sub Total			₹ 5,400.00

Furniture & Other Cost

iv Sl No	Detail of Furniture/Expenses	Amount
a	Small Tools & Equipments	₹ 10,000.00
b	Transportation Charges	₹ 10,000.00
d	Furniture & Fittings	₹ 10,000.00
e	Pre-operative expenses	₹ 10,000.00
	Sub Total	₹ 40,000.00

v **Total Fixed Capital/ Capital Expenditure (iii + iv)** = ₹ 45,400.00

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B **Recurring Cost (Per Month)**

i **Raw Material**

Sl No	Name of the raw material	Rate	Quantity	Amount
a	Cement	₹ 310.00	150 Bag	₹ 46,500.00
b	GI wire	₹ 35.00	1500 Kg	₹ 52,500.00
c	Sand	₹ 1,000.00	6 Ton	₹ 6,000.00
d	Stone chips	₹ 6,000.00	3 Ton	₹ 18,000.00
	Sub Total			₹ 1,23,000.00

ii **Salary & Wages**

Sl No	Employment	Rate	No	Amount
a	Manager cum superviser	₹ 0.00	1	
b	Head mason	₹ 11,000.00	1	₹ 11,000.00
c	Unskilled worker	₹ 5,000.00	3	₹ 15,000.00
	Sub Total			₹ 26,000.00

iii **Other Expenses**

Sl No	Detail of Expenses	Amount
a	Electricity	₹ 500.00
c	Rent (if any)	₹ 0.00
b	Stationery	₹ 500.00
c	Tax & Insurance	₹ 1,000.00
d	Transportation	₹ 2,500.00
e	Misc	₹ 1,000.00
	Sub Total	₹ 5,500.00

iv **Working Capital Requirement (i+ ii+ iii)** = ₹ 1,54,500.00

4 **Total Project Cost**

a	Fixed Capital	₹ 45,400.00
b	Working Capital	₹ 1,54,500.00
c	**Total**	₹ 1,99,900.00

5 Cost Analysis per annum

Expenditure			Income	
i	Recurring Cost	₹ 18,54,000.00	1. Projected Sale	
ii	Depreciation	₹ 810.00	By sale of Concrete products	₹ 23,00,000.00
iii	Surplus/Profit	₹ 4,45,190.00		
		₹ 23,00,000.00		₹ 23,00,000.00

Signature of the applicant

Rates and quantities shown may vary as per location and demand of bussiness enterprise.

Prepared by the Directorate of Micro, Small and Medium Enterprises, West Bengal.

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