PROJECT REPORT

Of

TRACK SUITS

PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding Track Suits making unit.

The objective of the pre-feasibility report is primarily to facilitate potential entrepreneurs in project identification for investment and in order to serve his objective; the document covers various aspects of the project concept development, start-up, marketing, finance and management.

[We can modify the project capacity and project cost as per your requirement. We can also prepare project report on any subject as per your requirement.]



<u>Lucknow Office</u>: Sidhivinayak Building , 27/1/B, Gokhlley Marg, Lucknow-226001

<u>Delhi Office</u>: Multi Disciplinary Training Centre, Gandhi Darshan Rajghat,

New Delhi 110002

Email: info@udyami.org.in Contact: +91 7526000333, 444, 555

PROJECT REPORT ON TRACK SUITS



INTRODUCTION:

Track Suits comprise of shirt and trouser made out of fabric that offers balance between temperature and sweat. Track suits are worn in sports, jogging, morning walks, trekking and other similar activities involving physical exercise. Track suits absorb sweat generated due to high workout and also protect warm body from effects of cold weather. Therefore Track Suits are considered to be all-season garments.

PRODUCT & ITS APPLICATION:

Track suits are worn by sports persons, joggers, morning walkers, adventure lovers, trekkers etc. Made out of cotton knit fabric, the track suits are stitched in a way that these provide stretch and flexibility during workout or sports. Most track suits cover body from neck to the ankles. Sports shoes are generally used along with Track Suits to achieve efficient and tireless footwork during exercise etc. Sometime Track Suits are also made out ofpolyester, nylon or blended fabric for use in cold weather, water sports or to reduce the weight of the suit enabling the user to perform difficult tasks or carry other heavy materials. Track Suits made out of synthetic fabric can also be lined with light weight cotton woven fabric to help in sweat absorption.

INDUSTRY OUTLOOK & TRENDS:

Until recently, Cricket and Hockey was the only sport all Indians knew about. Tennis, Badminton, Archery, Shooting, Athletics, Wrestling, Aqua sports etc have now become dream sports for many people. Increasing interest in sports has led to health consciousness and people strive hard to achieve and maintain a good physique. Demand for Track suits used in sports, jogging and exercise is therefore on continuous rise.

MARKET POTENTIAL AND MARKETING ISSUES, IF ANY:

There is growing interest in the sports, trekking, jogging, yoga and other health related activities. Gone are the days when people would go for morning walk in their kurta pajama or salwar kameez etc. Track Suit has become the fashion and the demand for trendy suits is on the increase. Products with multiple colors, designs, accessories, pockets etc. is on the rise.

RAW MATERIAL REQUIREMENTS:

The main raw material is cotton fabric made from medium count of cotton yarn. Sometime polyester, nylon or blended fabric is also used with or without cotton lining. All fabrics are available with Mills, Traders, Dealers and Agents throughout the country. Accessories like labels, scords, elastics, buttons, patches etc. are available with dealers of tailoring materials.

MANUFACTURING PROCESS:

The fabric purchased in roll form is spread in layers on the cutting table. Patterns of various parts of the garment made out of card board or plywood or metal are laid on the fabric in such a way that wastage of fabric is minimized. Several layers of fabric are then cut through vertical motorized blade. Garments are stitched in assembly line manner wherein each machine operator completes only a part of the product. The stitching starts on the 1st machine and gets completed at the last stage where the product is inspected for quality defects if any. Garments are then cleaned of loose yarn or dirt and packed in plastic bags as per customer requirements.

STATUTORY APPROVALS:

The project does not require any specific government approval. Registration with MSME is optional. An Entrepreneur may be required to obtain Shops & Establishment Registration and Professional Tax registration by local Municipal authorities. Registration under Factories Act, Provident Fund Act and ESI provisions would be required depending upon the number of employees, the location, the level of mechanization and the age of the enterprise. Entrepreneur may contact State Pollution Control Board whereever it is applicable.

BACKWARD OR FORWARD INTEGRATION:

As the machines used in the project are versatile, the Entrepreneur can also consider manufacture of home furnishing articles like bed sheets, pillow covers, wall hangings etc depending on opportunities in the market he / she is familiar with.

		PROJEC	T AT A GLANCE		
1	Name of the Entreprenuer		XXXXXXX		
2	Constitution (legal Status)		XXXXXXX		
3	Father's/Spouce's Name		XXXXXXXX		
4	Unit Address :		XXXXXXXX		
			Taluk/Block: District: Pin: E-Mail : Mobile	XXXXX XXXXX XXXXX XXXXX	State:
5	Product and By Product	:	Track Suits		
6	Name of the project / business activity	proposed	Track Suits		
7	Cost of Project	:	Rs24.00 lac		
8	Means of Finance Term Loan KVIC Margin Money Own Capital Working Capital	-	Rs.16.43 Lacs As per Project Eligibility Rs.2.4 Lacs Rs.5.18 Lacs		
9	Debt Service Coverage Ratio	:	3.01		
10	Pay Back Period	:	5	Years	
11	Project Implementation Period	:	6	Months	
12	Break Even Point	:	50%		
13	Employment	:	15	Persons	
14	Power Requirement	:	8.00	HP	
15	Major Raw materials	:	Cloth material and accessories		
16	Estimated Annual Sales Turnover	:	51.30	Lacs	

16 Detailed Cost of Project & Means of Finance

COST	OF	PRO	IECT

	(Da	T	Τ.	1
(Rs.	m	La	ics)

Particulars	Amount
Land	Rented/Owned
Building & Civil Work (2000 Sq ft)	2.50
Plant & Machinery	14.80
Furniture & Fixtures	0.50
Pre-operative Expenses	0.45
Working Capital Requirement	5.75
Total	24.00

MEANS OF FINANCE

Particulars	Amount
Own Contribution @10%	2.40
Term Loan	16.43
Workign Capital Finance	5.18
Total	24.00

General Special

Beneficiary's Margin Monery (% of Project Cost)

10% 5%

PLANT & MACHINERY

Single Needle Machine	10	60,000.00	600,000.00
Double Needle Machine	5	75,000.00	375,000.00
Border/Piping machine	2	50,000.00	100,000.00
Overlock Machine	4	40,000.00	160,000.00
Cutting Table & machine	1	100,000.00	100,000.00
Embroildery machine	1	75,000.00	75,000.00
Inspection tables	2	35,000.00	70,000.00
Total			1,480,000.00

PROJECTED CASH FLOW STATEMENT

PARTICULARS	IST YEAR	IIND YEAR	IIIRD YEAR	IVTH YEAR	VTH YEAR
SOURCES OF FUND					
Share Capital	2.40	-			
Reserve & Surplus	3.35	5.76	8.72	11.46	13.94
Depriciation & Exp. W/off	2.50	2.16	1.85	1.58	1.36
Increase in Cash Credit	5.16	-	-	-	-
Increase In Term Loan	16.43	-	-	-	-
Increase in Creditors	1.35	0.23	0.23	0.23	0.23
Increase in Provisions	0.36	0.04	0.04	0.04	0.05
TOTAL:	31.54	8.18	10.84	13.31	15.57
APPLICATION OF FUND					
Increase in Fixed Assets	17.80	_	_	-	_
Increase in Stock	3.51	0.59	0.59	0.59	0.58
Increase in Debtors	3.59	0.79	0.63	0.63	0.63
Increase in Deposits & Adv	2.50	0.25	0.28	0.30	0.33
Repayment of Term Loan	-	4.11	4.11	4.11	2.05
Taxation	-	0.58	1.74	2.29	2.79
TOTAL:	27.40	6.30	7.34	7.92	6.39
Opening Cash & Bank Balance	-	4.14	6.01	9.51	14.90
Add : Surplus	4.14	1.88	3.49	5.40	9.18
Closing Cash & Bank Balance	4.14	6.01	9.51	14.90	24.09

PROJECTED BALANCE SHEET

PARTICULARS	IST YEAR	IIND YEAR	IIIRD YEAR	IVTH YEAR	VTH YEAR
SOURCES OF FUND					
Capital Account	2.40	2.40	2.40	2.40	2.40
Retained Profit	3.35	8.54	15.51	24.68	35.83
Term Loan	16.43	12.32	8.21	4.11	2.05
Cash Credit	5.16	5.16	5.16	5.16	5.16
Sundry Creditors	1.35	1.58	1.80	2.03	2.25
Provisions & Other Liab	0.36	0.40	0.44	0.48	0.53
1	20.04	30.38	33.52	38.85	48.22
TOTAL:	29.04	30.50			
APPLICATION OF FUND				17.00	17.00
APPLICATION OF FUND Fixed Assets (Gross)	17.80	17.80	17.80	17.80	17.80
APPLICATION OF FUND Fixed Assets (Gross) Gross Dep.	17.80 2.50	17.80 4.65	17.80 6.50	8.09	9.45
APPLICATION OF FUND Fixed Assets (Gross)	17.80	17.80	17.80		
APPLICATION OF FUND Fixed Assets (Gross) Gross Dep.	17.80 2.50	17.80 4.65	17.80 6.50	8.09	9.45
APPLICATION OF FUND Fixed Assets (Gross) Gross Dep. Net Fixed Assets Current Assets Sundry Debtors	17.80 2.50	17.80 4.65	17.80 6.50	8.09	9.45
APPLICATION OF FUND Fixed Assets (Gross) Gross Dep. Net Fixed Assets Current Assets	17.80 2.50 15.31	17.80 4.65 13.15	17.80 6.50 11.30	8.09 9.71	9.45 8.35
APPLICATION OF FUND Fixed Assets (Gross) Gross Dep. Net Fixed Assets Current Assets Sundry Debtors Stock in Hand Cash and Bank	17.80 2.50 15.31	17.80 4.65 13.15	17.80 6.50 11.30	8.09 9.71 5.64	9.45 8.35 6.27
APPLICATION OF FUND Fixed Assets (Gross) Gross Dep. Net Fixed Assets Current Assets Sundry Debtors Stock in Hand	17.80 2.50 15.31 3.59 3.51	17.80 4.65 13.15 4.38 4.10	17.80 6.50 11.30 5.01 4.68	8.09 9.71 5.64 5.27	9.45 8.35 6.27 5.85

PROJECTED PROFITABILITY STATEMENT

PARTICULARS	IST YEAR	IIND YEAR	IIIRD YEAR	IVTH YEAR	VTH YEAR
A) CATEC					
A) SALES	F1 00	(O.FF	71 55	00.55	00.55
Gross Sale	51.30	62.55	71.55	80.55	89.55
Total (A)	51.30	62.55	71.55	80.55	89.55
B) COST OF SALES					
Raw Mateiral Consumed	27.00	31.50	36.00	40.50	45.00
Elecricity Expenses	0.69	0.80	0.92	1.03	1.15
Repair & Maintenance	-	0.63	0.72	0.81	0.90
Labour & Wages	12.67	13.94	15.33	16.87	18.55
Depriciation	2.50	2.16	1.85	1.58	1.36
Consumables and Other Expense	1.03	1.25	1.43	1.61	1.79
Cost of Production	43.88	50.28	56.25	62.40	68.74
Add: Opening Stock /WIP		2.16	2.52	2.88	3.24
Less: Closing Stock/WIP	2.16	2.10	2.88	3.24	3.60
Less. Closing Stock/WII	2.10	2.52	2.00	3.24	3.60
Cost of Sales (B)	41.72	49.92	55.89	62.04	68.38
C) GROSS PROFIT (A-B)	9.58	12.63	15.66	18.51	21.17
	19%	20%	22%	23%	24%
D) Bank Interest (Term Loan)	1.39	1.48	1.00	0.53	0.09
Bank Interest (C.C. Limit)	0.52	0.52	0.52	0.52	0.52
E) Salary to Staff	3.30	3.63	3.99	4.39	4.83
F) Selling & Adm Expenses Exp.	1.03	1.25	1.43	1.61	1.79
TOTAL (D+E)	6.23	6.87	6.94	7.05	7.23
_					
H) NET PROFIT	3.35	5.76	8.72	11.46	13.94
I) Taxation	-	0.58	1.74	2.29	2.79
J) PROFIT (After Tax)	3.35	5.18	6.98	9.17	11.15

COMPUTATION OF MANUFACTURING O	← TRACK SUIT

Items to be Manufactured

Track Suits

Manufacturing Capacity per day	-	100	
No. of Working Hour		8	
No of Shift per day		1	
No of Working Days per month		25	
No. of Working Day per annum		300	
Total Production per Annum		30,000.00	
Year		Capacity	
		Utilisation	
IST YEAR		60%	18,000
IIND YEAR		70%	21,000
IIIRD YEAR		80%	24,000
IVTH YEAR		90%	27,000
VTH YEAR		100%	30,000

COMPUTATION OF RAW MATERIAL

Item Name		Quantity of	Recovery	Unit Rate of	Total Cost
		Raw Material		of RM	Per Annum (100%
Cloth material other accessories and packaging	100%	90,000.00	100%	50.00	45.00
			Total (Rounded	off in lacs)	45.00

Annual Consumption cost (In Lacs) 45.00

Raw Material Consumed	Capacity Utilisation	Amount (Rs.)	
IST YEAR	60%	27.00	
IIND YEAR	70%	31.50	
IIIRD YEAR	80%	36.00	
IVTH YEAR	90%	40.50	
VTH YEAR	100%	45.00	

COMPUTATION OF CLOSING STOCK & WORKING CAPITAL

PARTICULARS	IST YEAR	IIND YEAR	IIIRD YEAR	IVTH YEAR	VTH YEAR
Finished Goods					
(15 Days requirement)	2.16	2.52	2.88	3.24	3.60
Raw Material					
(15 Days requirement)	1.35	1.58	1.80	2.03	2.25
Closing Stock	3.51	4.10	4.68	5.27	5.85

COMPUTATION OF WORKING CAPITAL REQUIREMENT

Particulars		Total
		Amount
Stock in Hand		3.51
Sundry Debtors		3.59
	Total	7.10
Sundry Creditors		1.35
Working Capital Requirement		5.75
Margin		0.60
Working Capital Finance		5.16

BREAK UP OF LABOUR

Particulars	Wages	No of	Total
	Per Month	Employees	Salary
Stitching machine operator	8,000.00	10	80,000.00
Unskilled Worker	4,000.00	4	16,000.00
			96,000.00
Add: 10% Fringe Benefit			9,600.00
Total Labour Cost Per Month			105,600.00
Total Labour Cost for the year (In Rs. Lakhs)			12.67

BREAK UP OF SALARY

<u>.</u>			
Particulars	Salary	No of	Total
	Per Month	Employees	Salary
Designer	10,000.00	1	10,000.00
Sales Man	7,000.00	1	7,000.00
Accountant cum store keeper	8,000.00	1	8,000.00
Total Salary Per Month			25,000.00
Add: 10% Fringe Benefit			2,500.00
Total Salary for the month			27,500.00
Total Salary for the year (In Rs. Lakhs)			3.30

COMPUTATION OF DEPRECIATION

Description	Land	Building/shed	Plant &	Furniture	TOTAL
			Machinery		
Rate of Depreciation		10.00%	15.00%	10.00%	
Opening Balance	Leased	-	-	-	-
Addition	-	2.50	14.80	0.50	17.80
	-	2.50	14.80	0.50	17.80
Less: Depreciation	-	0.25	2.22	0.03	2.50
WDV at end of 1st year	-	2.25	12.58	0.48	15.31
Additions During The Year	-	-	-	-	-
	-	2.25	12.58	0.48	15.31
Less: Depreciation	-	0.23	1.89	0.05	2.16
WDV at end of IInd Year	-	2.03	10.69	0.43	13.15
Additions During The Year	-	-	-	-	-
	-	2.03	10.69	0.43	13.15
Less: Depreciation	-	0.20	1.60	0.04	1.85
WDV at end of IIIrd year	-	1.82	9.09	0.38	11.30
Additions During The Year	-	-	-	-	ı
	-	1.82	9.09	0.38	11.30
Less: Depreciation	-	0.18	1.36	0.04	1.58
WDV at end of IV year	-	1.64	7.73	0.35	9.71
Additions During The Year	-	-	-	-	ı
	-	1.64	7.73	0.35	9.71
Less : Depreciation	-	0.16	1.16	0.03	1.36
WDV at end of Vth year	-	1.48	6.57	0.31	8.35

	 -/6

Year	Particulars	Amount	Addition	Total	Interest	Repayment	Cl Balance
IST YEAR	Opening Balance						
	Ist Quarter	-	16.43	16.43	-	-	16.43
	Iind Quarter	16.43	-	16.43	0.47	-	16.43
	IIIrd Quarter	16.43	-	16.43	0.47	1.03	15.40
	Ivth Quarter	15.40	-	15.40	0.44	1.03	14.37
					1.39	2.05	
IIND YEAR	Opening Balance						
	Ist Quarter	14.37	-	14.37	0.41	1.03	13.35
	Iind Quarter	13.35	-	13.35	0.38	1.03	12.32
	IIIrd Quarter	12.32	-	12.32	0.35	1.03	11.29
	Ivth Quarter	11.29		11.29	0.32	1.03	10.27
					1.48	4.11	
IIIRD YEAR	Opening Balance						
	Ist Quarter	10.27	-	10.27	0.30	1.03	9.24
	Iind Quarter	9.24	-	9.24	0.27	1.03	8.21
	IIIrd Quarter	8.21	-	8.21	0.24	1.03	7.19
	Ivth Quarter	7.19		7.19	0.21	1.03	6.16
					1.00	4.11	
IVTH YEAR	Opening Balance						
	Ist Quarter	6.16	-	6.16	0.18	1.03	5.13
	Iind Quarter	5.13	-	5.13	0.15	1.03	4.11
	IIIrd Quarter	4.11	-	4.11	0.12	1.03	3.08
	Ivth Quarter	3.08		3.08	0.09	1.03	2.05
					0.53	4.11	
VTH YEAR	Opening Balance						
	Ist Quarter	2.05	-	2.05	0.06	1.03	1.03
	Iind Quarter	1.03	-	1.03	0.03	1.03	- 0.00
	IIIrd Quarter	- 0.00		0.00 -	0.00	-	- 0.00
	Ivth Quarter	- 0.00	-	0.00 -	0.00	-	- 0.00
					0.09	2.05	

CALCULATION OF D.S.C.R

PARTICULARS	IST YEAR	IIND YEAR	IIIRD YEAR	IVTH YEAR	VTH YEAR
CASH ACCRUALS	5.85	7.34	8.83	10.75	12.51
Interest on Term Loan	1.39	1.48	1.00	0.53	0.09
Total	7.23	8.82	9.83	11.28	12.60
REPAYMENT					
Instalment of Term Loan	4.11	4.11	4.11	2.05	2.05
Interest on Term Loan	1.39	1.48	1.00	0.53	0.09
Total	5.49	5.58	5.11	2.58	2.14
DEBT SERVICE COVERAGE R	1.32	1.58	1.92	4.37	5.88
AVERAGE D.S.C.R.			3.01		

Particulars	IST YEAR	IIND YEAR	IIIRD YEAR	IVTH YEAR	VTH YEAR
Op Stock	_	900	1,050	1,200	1,350
op stock		700	1,000	1,200	1,000
Production	18,000	21,000	24,000	27,000	30,000
	18,000	21,900	25,050	28,200	31,350
Less: Closing Stock	900	1,050	1,200	1,350	1,500
Net Sale	17,100	20,850	23,850	26,850	29,850
Sale Price per made ups	300.00	300.00	300.00	300.00	300.00
Sale (in Lacs)	51.30	62.55	71.55	80.55	89.55

The above calculations are based on assumed unit sales price varying from Rs. 250 to Rs. 350 for various products. The key raw material is assumed at a cost range of Rs 45 to Rs. 55 per meter.

COMPUTATION OF ELECTRICITY

Hours	8	
HP	8	
	0.7460	
per unit	8.00	
	300	
		114,585.60
	300	days
	-	Hour per day
	-	
	8	
	-	
	65.00	Rs. /Ltr
	-	
	-	
	-	
		1.15
Capacity		Amount
		(in Lacs)
60%		0.69
70%		0.80
80%		0.92
90%		1.03
100%		1.15
	Per unit Per unit Capacity 60% 70% 80% 90%	HP 8 0.7460 per unit 8.00 300 300 300 300 8 8 65.00 Capacity 60% 70% 80% 90%

BREAK EVEN POINT ANALYSIS

Year	ı	II	III	IV	V
Net Sales & Other Income	51.30	62.55	71.55	80.55	89.55
Less : Op. WIP Goods	-	2.16	2.52	2.88	3.24
Add : Cl. WIP Goods	2.16	2.52	2.88	3.24	3.60
Total Sales	53.46	62.91	71.91	80.91	89.91
Variable & Semi Variable Exp.					
Raw Material & Tax	27.00	31.50	36.00	40.50	45.00
Electricity Exp/Coal Consumption at 85%	0.58	0.68	0.78	0.88	0.97
Manufacturing Expenses 80%	0.82	1.50	1.72	1.93	2.15
Wages & Salary at 60%	9.58	10.54	11.60	12.76	14.03
Selling & adminstrative Expenses 80%	0.82	1.00	1.14	1.29	1.43
Intt. On Working Capital Loan	0.52	0.52	0.52	0.52	0.52
Total Variable & Semi Variable Exp	39.32	45.74	51.75	57.87	64.10
Contribution	14.14	17.17	20.16	23.04	25.81
Fixed & Semi Fixed Expenses					
	2.24	2.22	0.10	0.10	0.54
Manufacturing Expenses 20%	0.21	0.38	0.43	0.48	0.54
Electricity Exp/Coal Consumption at 15%	0.10	0.12	0.14	0.15	0.17
Wages & Salary at 40%	6.39	7.03	7.73	8.50	9.35
Interest on Term Loan	1.39	1.48	1.00	0.53	0.09
Depreciation	2.50	2.16	1.85	1.58	1.36
Selling & adminstrative Expenses 20%	0.21	0.25	0.29	0.32	0.36
Total Fixed Expenses	10.78	11.41	11.44	11.58	11.87
Capacity Utilization	75%	80%	85%	90%	95%
OPERATING PROFIT	3.35	5.76	8.72	11.46	13.94
BREAK EVEN POINT	57%	53%	48%	45%	44%
BREAK EVEN SALES	40.79	41.80	40.80	40.66	41.34



DISCLAIMER

The views expressed in this Project Report are advisory in nature. SAMADHAN assume no financial liability to anyone using the content for any purpose. All the materials and content contained in Project report is for educational purpose and reflect the views of the industry which are drawn from various research material sources from internet, experts, suppliers and various other sources. The actual cost of the project or industry will have to be taken on case to case basis considering specific requirement of the project, capacity and type of plant and other specific factors/cost directly related to the implementation of project. It is intended for general guidance only and must not be considered a substitute for a competent legal advice provided by a licensed industry professional. SAMADHAN hereby disclaims any and all liability to any party for any direct, indirect, implied, punitive, special, incidental or other consequential damages arising directly or indirectly from any use of the Project Report Content, which is provided as is, and without warranties.