



DPR

Detailed Project Report

Koratagere Coir Cluster

Tumkur District, Karnataka



Submitted to

COIR BOARD OF INDIA

Ministry of MSME, Government of India

Submitted by

FOUNDATION FOR MSME CLUSTERS

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List of Acronyms

1	BIS	Bureau of Indian Standards
2	BEP	Break Even Point
3	CCRI	Central Coir Research Institute
4	CFC	Common Facilities Centre
5	CGTMSE	Credit Guarantee Trust for Micro, Small and Medium Enterprises
6	CICT	Central Institute of Coir Technology
7	CLCSS	Credit Linked Capital Subsidy Scheme
8	CUY	Coir Udyami Yojana
9	CVY	Coir Vikas Yojana
10	DIC	District Industries Centre
11	DRDA	District Rural Development Agency
12	DPR	Detailed Project Report
13	FICEA	Federation of Indian Coir Exporters Association
14	FI	Financial Institution
15	IRR	Internal Rate of Return
16	KSFC	Karnataka State Coir Federation
17	KVIC	Khadi & Village Industries Commission
18	MSME	Micro Small & Medium Enterprises
19	MoMSME	Ministry of Micro Small & Medium Enterprises
20	MSMEDI	Micro Small Medium Enterprise Development Institute
21	MDA	Market Development Assistance
22	NABARD	National Bank for Agri& Rural Development
23	NMCP	National Manufacturing Competiveness Program
24	NPV	Net Present Value
25	NH	National Highway
26	NTDC	National Technology Development Corporation
27	ROCE	Return on Capital Employed
28	SFURTI	Scheme of Fund Under Rejuvenation of Traditional Industries
29	TI	Technical Institution
30	TL	Term Loan
31	EC	Working Capital
32	PC & MF	Project Cost and Means of Finance
33	UPS	Uninterrupted Power Supply

PART - I

CHAPTER - 1 CLUSTER PROFILE

1.1 Background

After Kerala, Karnataka is the second largest coconut producing state in the country. The total production of nuts was 1525.3 million in the year 2006 and it has increased to 3784.6 million nuts during the year 2013-14 (CDB report). There is a huge demand of coir products in domestic as well as in international markets. Coir products are the major livelihoods source for the people of Kerala, Karnataka and Tamil Nadu. Maximum of the households are involved in producing coir products like coir fibres, yarn, mats and mating. Since, coconut husk is the raw material and its availability is galore that's why manufacturing coir products are the major livelihood source in the region.

In this context, in the district of Tumkur of the state of Karnataka, coir producers joined hands to develop industry in cluster mode for providing a platform to all coir product manufacturers to avail and access to more amenities with reference to raw materials, machineries and markets. Accordingly they approached Coir Board and Coir Federation to divide the region in to various sub clusters based on the requirements, locational advantages and industry dynamics. **Koratagere Coir Cluster** is one of such MAJOR clusters proposed by Federation and subsequently the Coir Board has appointed M/s Foundation for MSME Clusters to prepare a Detailed Project Report under revamped SFURTI guidelines.

1.2 Regional Setting of the Cluster

Koratagere cluster is situated in block with the same name in Tumkur District of Karnataka. The cluster spread in more than 10 villages in and around Koratagere and the details are given as below:

Name of the District	Name of the Block	Villages covered in koratagere Taluk
TUMKUR	KORATAGERE	Gowri kallu, Mallekavu, Boggananahally, CNDurga, Bendone, Siddarabetta, Negalala, Thovinakere, Bukkapatna, etc

There are 8 manufacturing units employing 250 artisans and 550 artisan household units within the cluster who are dependent on manufacturing units. The details of major manufacturing units are given as below:

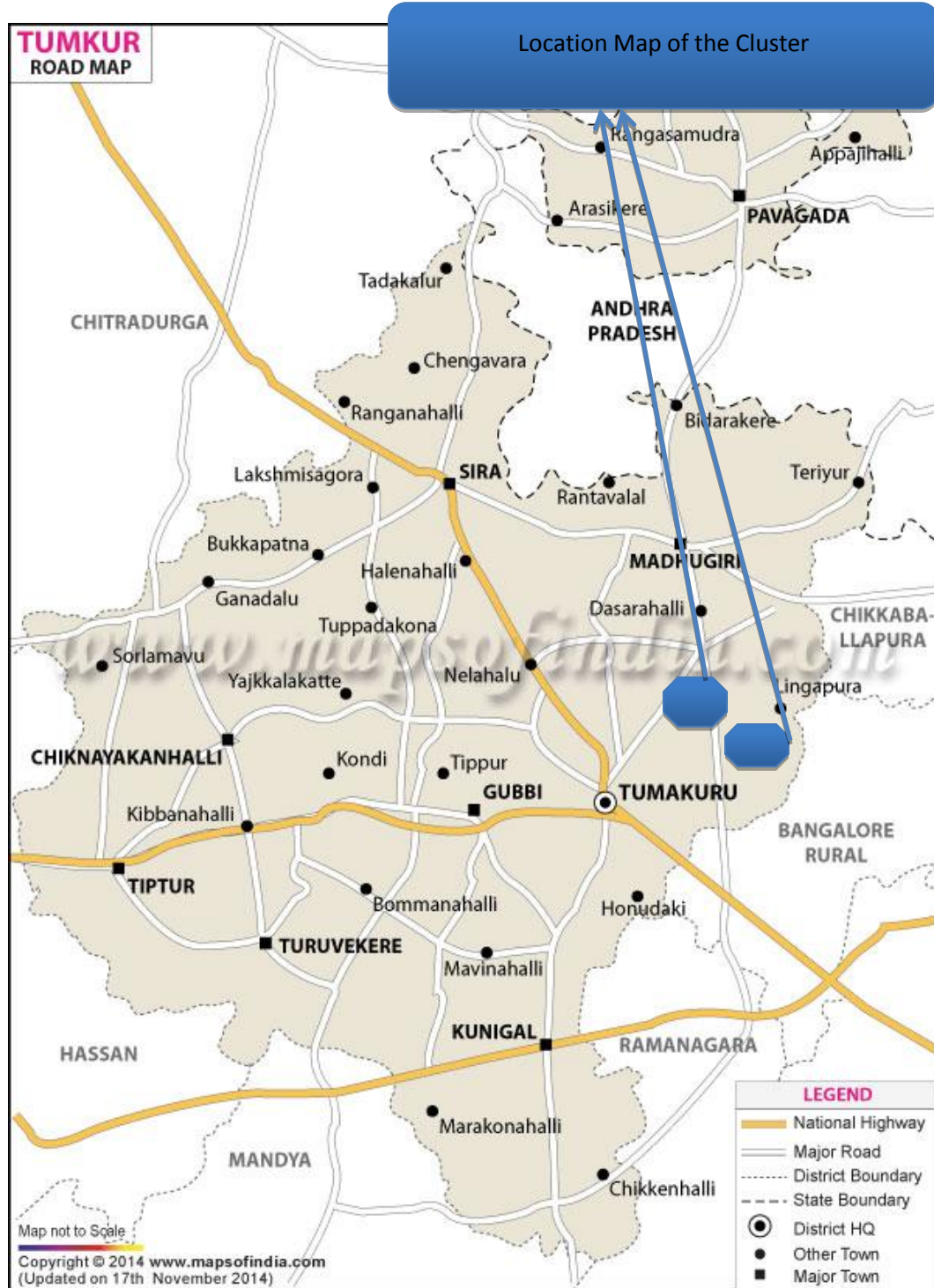
Sl.No	Name of the Unit	Address
1	SIDDEAHWARA COIR PRODUCT	SIDDAPURA ,BH ROAD TIPTUR
2	SIDDEAHWARA COIR UNIT	SIDDAPURA VILLAGE TIPTUR TALUK
3	SIDDESHWARA INDUSTRIES	. SIDDAPURA VILLAGE TIPTUR TALUK
4	SRISTI SEVA SAMSTHE	GUBBI
5	COIR CRAFT COMPLEX GUBBI	GUBBI
6	COCOPRODUCT	GUBBI
7	MALLIKARJUNA COIR INDUSTRY	PATRE MATTIGATTA
8	SOMESHWARA COIR INDUSTRY	VADDALURE

The household units mainly use traditional equipment's like "Charkas" to produce fibre and yarn. Their investment is very much low (maximum Rs.10, 000/-) as they procure the raw materials very easily and they don't have to pay much for it. As they use traditional equipment's to produce fibres and yarns the production is also very low. All most all products of these households units are consumed mainly in the local markets.

1.3 Location

Koratagere is located 27.6 km distance from its District Main City Tumkur . It is located 73 km distance from its State Main City Bangalore 13.52°N 77.23°E.[1] It has an average elevation of 750 metres (2460 feet).

Figure : 1.1 Location Map



1.4 Evolution of the Cluster

Koratagere cluster of Tumkur is a very old cluster. The first unit M/s Siddeswara Coir Society was established in the year 1966 at Siddapura in Tiptur block, however having their production unit in Koratagere. This unit manufactures Coir Fibre, coir curl rope and other products like Yarn, Mats and Matting. The commercial success of the unit has propelled other enthusiastic local people to establish units gradually. Today there are 10 units in the cluster operating across 10 villages. With the help of Coir Board, these units and local household artisans have been clubbed under one umbrella i.e. Koratagere Major Cluster.

1.5 Demography and growth trends

As of 2011 India census, Koratagere had a population of 15,265. Males constitute 51% of the population and females 49%. Koratagere has an average literacy rate of 71%, higher than the national average of 59.5%: male literacy is 77%, and female literacy is 65%. In Koratagere, 11% of the population is under 6 years of age.

1.6 Socio-Economic Aspects

The education level of most of the house hold unit involved in coir production is up to elementary level. Their economic level is not so high. The per day income of most of the house hold units is Rs.250/- to Rs.300/- per day in case of skilled and Rs.150/- to Rs.200/- in case of semiskilled.

1.7 Human Development Aspect

The major human development aspect of Tumkur district as per below:

- a) The per capita income of Tumkur district was 9005 in 1990-1991 and it has increased to 20077 during the year 2007-2008.
- b) Compound Annual Growth Rate (CAGP) was 5.4 in the year 1990-1999 and it has decreased to 3.2 during the period 1999-2008 and again increased to 4.5 during the year 1999-2008.
- c) The Gross Domestic Product of the district is 3.3 with Bangalore division and 4.9 without Bangalore division.
- d) So far as Human Development Index is concerned, Tumkur district ranked 15th with 0.630 in the year 2001.

(Source:http://cmdr.ac.in/editor_v51/assets/mono-60.pdf)

1.8 Key Economics Activities

Apart from coir the major economic activities of Koratagere block is Agriculture. The major crops are Paddy, Ragi, Maize, Cereals and minor millets. Ragi is a major crop cultivated extensively in the district. This crop occupies one third of whole cultivated land of the district. Rice-unhusked rice or paddy is grown in the block. Rice is the most important crops than Ragi and mainly grown under tanks and canals. Important Commercial grown is groundnut. Coconut and Arecanut are the plantations crops grown in the District. Cereals are grown in 2, 42,760 Hectares; Pulses are grown in 60,134 Hectares; Food grains are grown in 3,02,894 Hectares and Oil seeds are grown in 1,64,432 Hectares.

1.9 Infrastructure

Power: Bangalore Electricity Supply Company Limited (BESCOM) is responsible for supply of electricity in Tumkur. In order to deal with the increasing population and industrialization in the area, major public investments in power generation and transmission is being introduced. In the rural level, consistent effort to enhance biogas based projects are also being made.

Water: There are no perennial rivers in the district. The minor rivers originate from watersheds and empty into the reservoirs and tanks in the district. There are 1462 minor irrigation tanks in the district irrigating 57,132 hectares of land. The Hemavathy project which is on verge of completion is expected to irrigate 237,000 acres of land in WATER Tumkur district.

Education: Tumkur has 3897 primary schools, 569 High schools & 132 Pre-university colleges. In higher education segments, the district has 69 general colleges, 1 medical college, 6 engineering colleges, 10 ITIs, 1 dental college, 2 law colleges and 1 polytechnic.

Health: Tumkur has close to 75 primary health centres along with 10 major hospitals. Dispensaries and drug shops are also available in plenty in the district. The district has been a centre for various healthcare initiatives at Government level like Tuberculosis control programme, polio immunization programme, etc.

(Source: <http://www.bounteouskarnataka.com/DP-PDF/TumkurDistrictProfile.pdf>)

CHAPTER- 2

CLUSTER PRODUCT AND PRODUCTION PROCESS

2.1 Product Profile

There are 10 units in the cluster region other than 550 artisan household units and the existing product mix is given as below:

(Quantity: Lakhs Sq. Mtrs. Value: Rs. In Lakhs)

S. No.	Products	Production					
		2015-16		2016-17		2017-18	
		Quantity	Value	Quantity	Value	Quantity	Value
1	FIBRE	250 MT	25.00	350MT	35.00	400MT	45.00
2	PITH	500MT	40.00	750MT	60.00	900MT	80.00
3	PITH MANURE	200MT	30.00	300MT	45.00	400MT	55.00

The pith is sold to nurseries at a throw away price for want of storage space. This is a huge loss to the manufacturers as they could not recover the reasonable price of pith. Therefore the cluster members are very eager to get a remunerative price for the pith. This will happen only if they can use the pith very productively than giving away to nurseries at throw away price.

Large numbers of farmers are benefitted due to hike in husk rates, but the pressure is on manufacturers has mounted for realizing the remunerative price for fiber and pith. The best alternative is to start value addition to fiber and pith. Therefore units from this district would like to go not only for enhancing the production capacities of fiber but also value addition to both fiber and pith.

2.2 Production Process

De-Fibreing: In maximum of the units, de-Fibreing is done by mechanized process. In this process, the brown Fiber is received. The products obtained from this process is Fibre and coir pith.

Figure 3: Production Process



Crusher



Soaking



Feeding the husk



Delivery of fibre

Coir Pith: Most of the units are in to fibre making which results in production of more than 40 Tons of pith as by product. The coir pith is a material left after the extraction of coir fiber from coconut husk. Extraction of 1kg fiber generates 2 KGs of coir pith. Till recently coir pith was considered as a pollutant and a problematic waste material of coir industry. It is now converted into an environmentally friendly soil conditioner in horticulture as a superior natural alternative to peat moss. It can be converted into organic nature for soil improvement and higher yield.

Fibre: All most all the units of Tumkur cluster manufacture fibre by mechanized process.

White Fibre – extracted from retted green husk, which are retted for a period of 6-10months. During retting, bacterial action makes the husk soft and makes it easy to extract Fibre. The white Fibre is spun into coir yarn for further processing into finished products like door mats, mattings, carpets, etc. for export and internal consumption.

Brown Fibre - including bristle and mattress Fibre - extracted from unretted coconut husk by mechanical process. A thick and long variety, bristle Fibre is used for brush making. Brown fibre is used for making ropes, stuffing, upholstery, cushioning, curled coir and rubberized coir mattresses.

Coir Yarn: Coir Yarn is also being manufactured in all most every units of the cluster. In some units it is produced in traditional process, where as in some units it is being produced in mechanized process.

The usual practice in hand spinning is to roll the fibre into short length of 6 to 9 inches, giving a clock-wise twist by hands. When a sufficient quantity has been made, two of these short lengths are taken in hand together and made into yarn of two plies by giving a counter twist, using both palms. When the counter twist reaches near the end of the striking, further pieces of short lengths kept ready are added one after other, while the counter twist by hand is continued till the required length of yarn for a knot is reached. This is reeled in the form of a hank and a knot is made at the end. Handspun yarn always has a soft twist.

Spinning is usually done on the 'charka' or spinning wheel. Wheel spinning is gradually displacing hand spinning. To prepare two ply coir yarns on the spinning wheel, one set of two wheels, one stationary and the other movable is required. The stationary wheel usually contains two spindles set in motion through the centre of the wheel. The movable wheel contains one spindle only. Two persons take the silvers of 'coir' prepared and kept ready after willowing.

Motorized Traditional Ratt is a developed form of a coir spinning 'charka'. Here, the stationary ratt is rotated using a suitable contrivance attached to an electric motor. By attaching the rotating system to the stationary ratt one worker is avoided and the productivity is increased. The wages thus earned are divided among the two workers resulting in enhancement of wages of spinners. This system has been introduced recently and found successful in the industry for spinning all varieties of yarn.

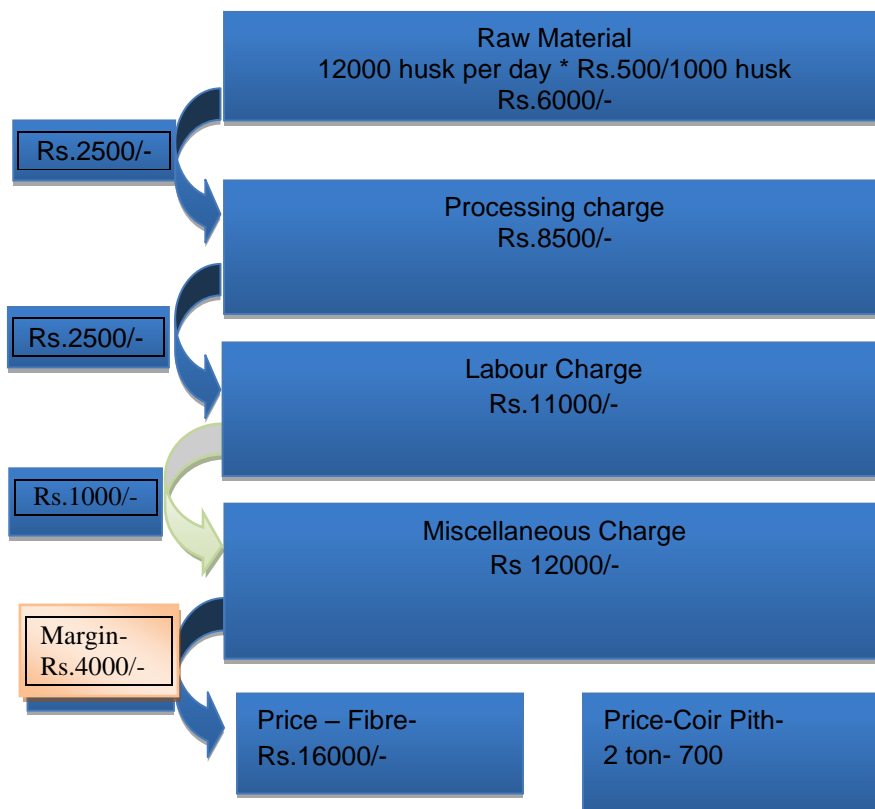
The production turnover in the case of hand spinning was less. The efforts to maximize the productivity of the yarn resulted in the introduction of automatic spinning machine units.

Analysis of production Process

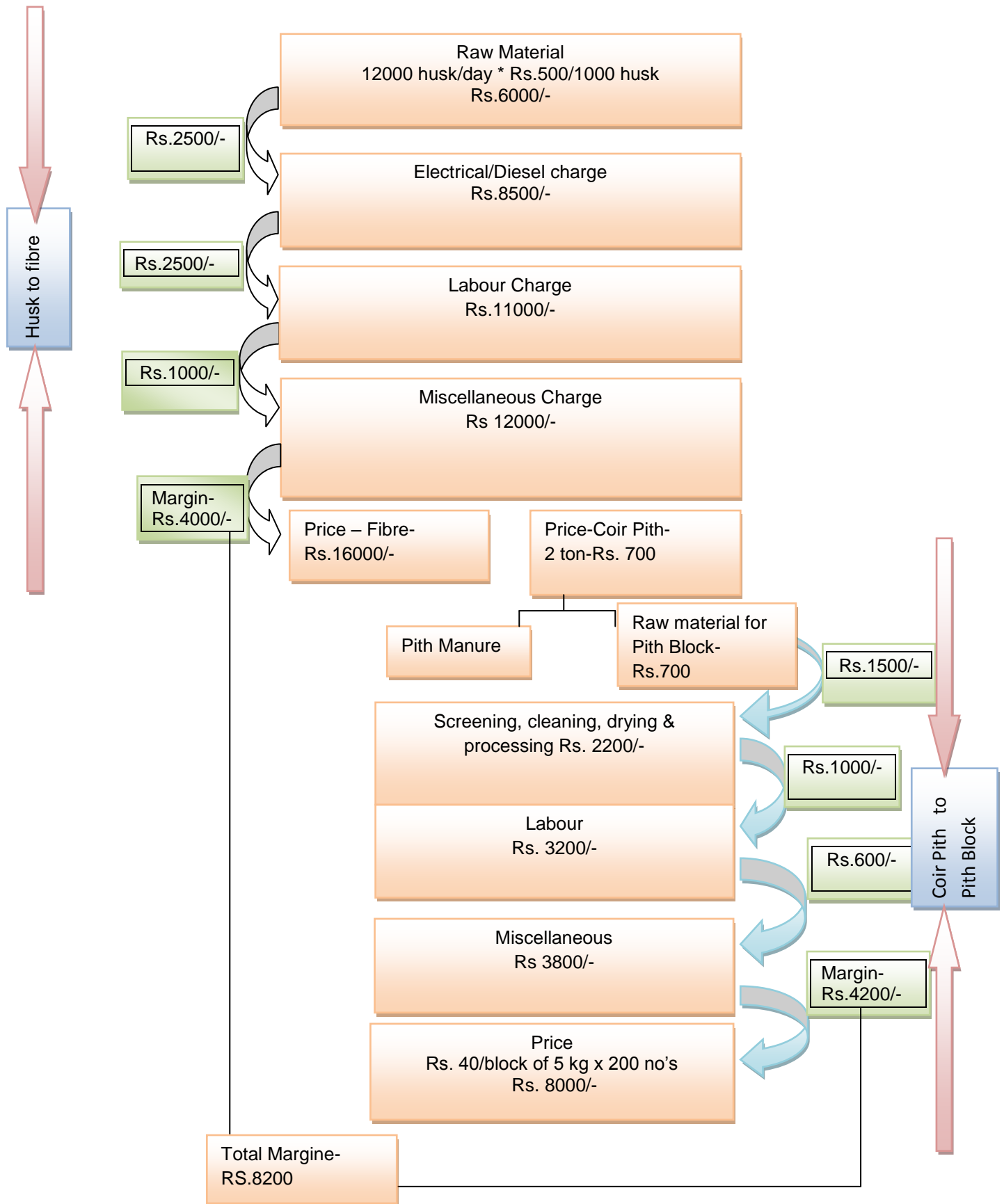
- One unit in the cluster at Siddapura produces high quality pith mixed with chemicals which is of export quality.
- There is no quality check of husk during the purchase that leads to quality issues of finished products.
- Very little emphasis is given for product diversification in, pith manure and pith blocks, Geo Textiles and 2 Ply Yarn, which are having good demand and give more price realisation to stakeholders.

2.3 Value Chain Analysis

Figure 4: Value Chain- Husk to Fibre



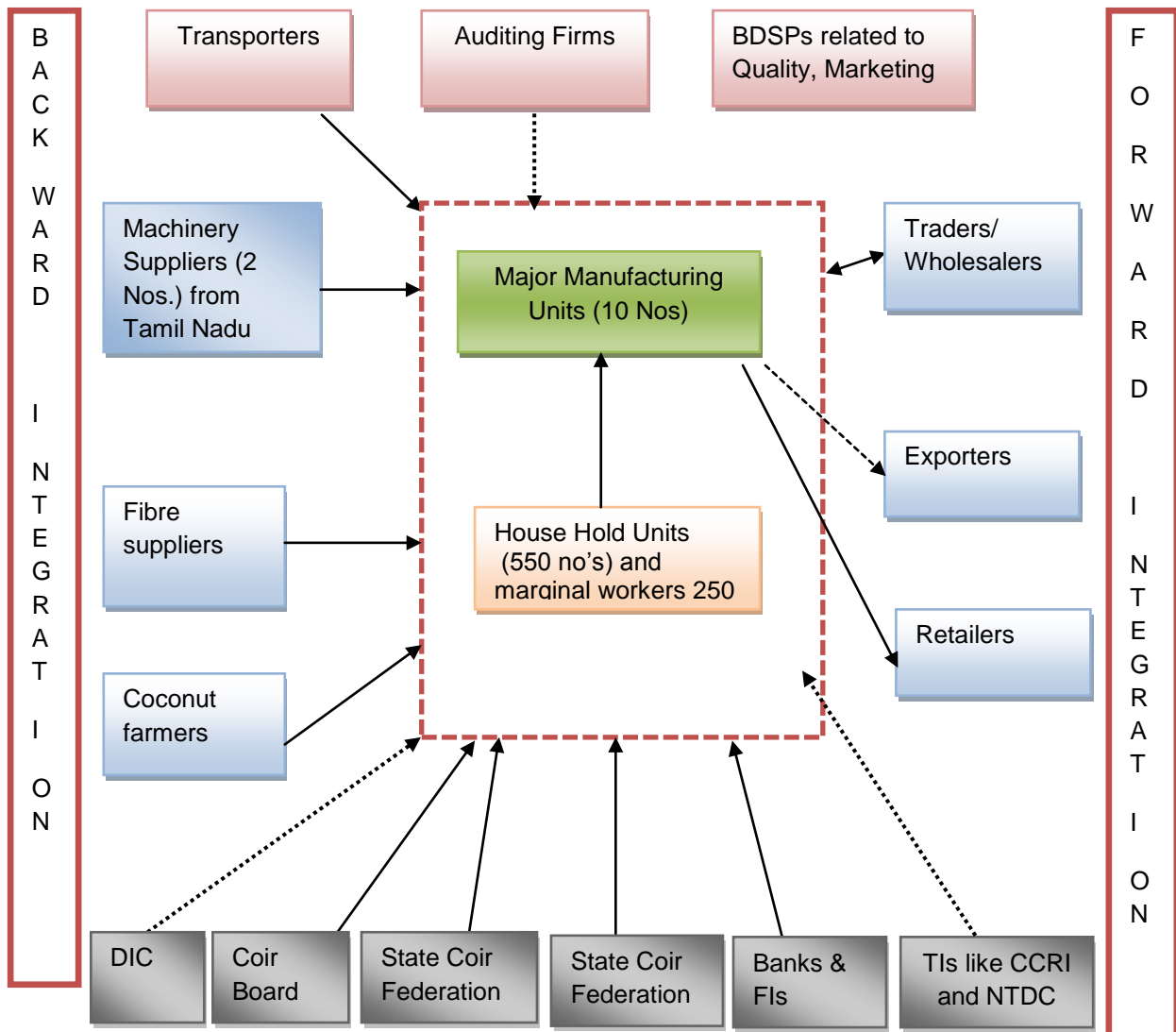
Value Chain Post CFC: Figure 5: Value Chain-Husk- Fibre-Pith Block



Analysis of value chain:

At present the profit margin is Rs.4000 after selling fibre in the market (as per the Figure4) after incurring all costs. No value addition to pith is done in maximum of the units and it is sold in a minimum price. If CFC is established and there will be some value addition to pith, Pith blocks can be produced and there will be an increase in the profit margin upto 50% (as per the Figure 5).

2.4 Cluster Maps highlighting Backward and Forward Linkages



- Index:**
- 1. Dotted square box around core cluster firms Indicate poor inter-firm linkage
 - 2. Dotted arrow represents weak linkages
 - 3. Solid arrow represents strong linkages
 - 4. Lack of arrow represents absence of any Linkages
 - 5. Double sided arrow represents two way Linkages

2.5 Principal Stakeholders

There are about 10 manufacturing units employing 250 workers other than 550 house hold units in the cluster. The manufacturing units procure raw materials from coconut farmers. Some local traders supplies raw materials to these manufacturing units and in returns they procure the finish products.

Backward Linkages

Coconut farmers supplies raw materials to the manufacturing units as well as household units. Some trader's situated at Tumkur and its nearby areas supplies fibres to the manufacturing unit's. Machineries like modernized rat machines, automatic spinning machine, curling machines are purchased from two suppliers from Tamil Nadu. Maintenance of these machines is done by the owners of the manufacturing units with the help of local mechanics.

Some of the major raw material suppliers are given as below:

Sl.No	Name of the Raw Material Supplier	Type of Raw material	Available in the Cluster	Available Outside the Cluster
1	Sri MaruthiMahilaswasahaya Kendra, Mallekavu	HUSK	Available in large qty	Brown Coir fibre
2	Sri DoddammadeviMahilaswasahaya Kendra Gowrikallu	HUSK	Available in large qty	Brown Coir fibre
3	Sri RenukayellammaMahilaswasahaya Kendra	HUSK	Available in large qty	Brown Coir fibre
4	BandethimmappaMahilaswasahaya Kendra Gowjukallu.	HUSK	Available in large qty	Brown Coir fibre
5	Sri MurahariswamyMahilaswasahayaKendra chennarayanadurga.	HUSK	Available in large qty	Brown Coir fibre
6	RamanjaneyaMahilaSwasahayaKendra.Bendole.	HUSK	Available in large qty	Brown Coir fibre
7	KavammaMahilaswasahayaKendra.Negalala.	HUSK	Available in large qty	Brown Coir fibre
8	DoddakayappaMahilaswasahaya Kendra. Kurakolu..	HUSK	Available in large qty	Brown Coir fibre



Forward Linkages

The finished products are sold to the local traders/wholesalers from Tumkur and Bangalore, who supplies raw materials. Products like yarn and rope are sold to the local retailers. 20% of the manufacturing units supplies fibres to Kurl-on. One unit at Thyagatur, Gubbi, high end products like coir plywood and needle felt coir is produced which are being supplied to outside states. There are no direct exports as the quality of cluster products is not matching international standards.

Other Support Institutions

Other major support institution is Coir board which imparts skill development training to the workers of the units. Apart from Coir board other support institutions are State Coir Federation and Coir Corporation which procures the finished products like mats for marketing. Maximum of the units have direct access to State Bank of Mysore (SBM) for loans.

CHAPTER- 3

MARKET ASSESSMENT AND DEMAND ANALYSIS

The coir manufacturing industry is producing coir mats, matting and other floor coverings, which was started in India on a factory basis, over a hundred years ago when the first factory was set up in Alleppey in 1859 by the Late Mr. James Darragh, an adventurous Irish born American national. Enterprising Indians followed the trail blazed by this foreigner. India accounts for more than two-thirds of the world production of coir and coir products. Amongst the coconut growing countries of the world India ranks 3rd after Philippines and Indonesia with 1.2 Million hectares of coconut growth and an average production of 6620 Million nuts.

Indian coir industry is an important cottage industry contributing significantly to the economy of the major coconut growing states and Union Territories of India, i.e., Kerala, Tamilnadu, Andhra Pradesh, Karnataka, Maharashtra, Goa, Orissa, Assam, Andaman and Nicobar, Lakshadweep, Pondicherry, etc. Modern machines were introduced into the coir industry in the late 1960's. About 5.5 lakh persons get employment in this industry. India exports around Rs.1000 crores of coir and coir products annually. Coconut husk is the basic raw material for coir products. Coir or Cocos - Nature's wonder Fibre is extracted from the protective husk of the Coconut.

3.1 Coir Products and their applications

A score of varieties/grades of coir yarn are produced and each variety is associated with certain specific characteristics, used for industrial, agricultural and domestic applications. The exhaustive range of floor coverings, hardwearing door mats, durable Mattings and rugs, crush-proof pile carpets, heavy flowered Mourzouks, etc. in a variety of dimensions enhance the elegance of the place of choice. These products are either handwoven by expert craftsmen or are aesthetically manufactured on modern mechanised looms.

Other products of coir are Geo-Textiles which are inexpensive, quick and effective in Civil Engineering practices. Rubberised coir, a blend of coir and latex, offers mattresses and cushioning for restful comfort and pith which is now being widely used in agriculture as a natural hydroponic growing medium.

3.2 Domestic and Global markets for coir

The domestic market for coir products is currently estimated at Rs 2,000 crore and this is expected to grow to Rs 3,500 crore by 2017. The state of Kerala is responsible for about 80% of India's coir market. The coir industry in Kerala employs almost 3.5 lakh people. Over 50% of the coir fibre produced annually throughout the world is consumed mainly in India.

The exports of coir and coir products from India during 2014-15 have reached 1630.30 crores which is an increase by Rs. 154 crores from previous year. During the year 2014-15, 6, 26,666 MT of coir and coir products were exported from the country as against 5, 37,040 MT exported during preceding year. The increase in quantity and value works out to 16.7% and 10.5% in comparison with 2013-14. Coir pith, fibre, handloom mats, coir rope, curled coir, coir rugs and coir mats registered a growth ranging from 12 to 45%, coir yarn tufted mat, powerloom mat, handloom matting, and coir geo textiles and rubberised coir recorded decline ranging from 5 to 51%.

China is the major importer of coir fibre for manufacturing mattress boards for their domestic requirement. They are focussing further to import more coir pith/ grow bags for horti/ agriculture requirements. The coir handloom products export has shown marginal increase by quantity but no increase by value comparing last year.

Coir fibre with export earnings of Rs, 419.23 crores constituted 26% of total export of coir products from the country. Similarly coir pith with an export of Rs. 432.95 crores constituted to 27% of total exports. All other value added items put together constitutes 47% of total exports. During the year 2014-15 coir and coir products from the country were exported to 115 countries around the globe. China topped the importing countries with 28.6% in value and 39% in quantity. USA emerged as the second largest importer of coir from India with a share of 21.3%. Coir exports from India now have new markets such as Russia and Latin America.

(Source: website of Coir Board)

3.3 Programs to promote Coir Products

Programs for coir industry aims at increased utilisation of coconut husk for production of coir fibre, growth of the domestic market, strengthening of research and development to

find out new uses of coir fibre especially in the areas of geo-fabric, acquiring of new technology like Vinyl backed coir products. Mechanisation in all areas of production like the defibering, spinning and weaving are implemented in a phased manner without affecting employment to make Indian coir products competitive in the export market. Modernisation of coir units has been propelled by providing incentives for installation of modern equipment's to make the coir industry more productive and labour friendly. Some of the common attributes are it provides excellent insulation against temperature and sound.

3.4 Major associations involved in coir promotion

FICEA Is the Confederation of Coir and also allied products exporters of India. FICEA, under its single umbrella, has to its credit all the Exporter Associations of coir from the country namely- the Indian Coir Exporters Chamber, Indian Coir Association, Coir Shippers Council, Travancore Coir Mats and Mating Manufacturers Association and The Coir Pith and Allied Products Manufacturers and Exporters Association, which exports about 1000 crores worth of Coir and Coir Products from the country. It voices the problems and difficulties being faced by the coir industry in general and the exporters in particular.

(Source: Indian Mirror.com)

3.5 Analysis

- *Cluster firms never capitalised, the growing export market for coir yarn and mats, which are its major products. All the firms are depending only on domestic traders who in turn by exporting are making major profits. There is a need for cluster firms to opt for direct export market.*
- *With the existing production process, cluster firms are capable of making pith, for which no conscious efforts were made. In fact cluster firms can opt for a Common Pith making unit, if economics of scale for individual units is adverse.*
- *Linkage of cluster firms never gone beyond coir board; it is high time for at least major manufacturers to be the members of FICEA, which can facilitate in direct marketing.*
- *There is a huge untapped market in countries like Russia and Latin America for coir mats and pith, which cluster firms need to tap. However for any exports firms need to understand international quality norms and upgrade their facilities accordingly.*

CHAPTER- 4

SWOT AND NEED GAP ANALYSIS

4.1 Cluster SWOT

The SWOT analysis of Tumkur Cluster is based upon the status of the Cluster, Production Process and Market Analysis.

4.1.1 Strength

- Good quality brown fibre and pith are manufactured in the cluster.
- Availability of raw materials like husk and pith
- Availability of skilled manpower
- Committed and experienced 1st and 2nd generation entrepreneurs
- Strong market linkages for marketing of fibre and curled coir
- Maintaining high quality in making of yarn
- Majority of the units opened accounts in local banks
- Strong linkages with coir board and KSCCF
- Strong internal road connectivity with good logistics support
- Use of semi advanced machinery in fibre extraction

4.1.2 Weakness

- Competition is very high among different units of the cluster
- There is lack of cooperation and trust building among owners of major production units.
- No value addition of fibre and pith is done besides geo textiles.
- Diversification of different products is lacking in the cluster.
- There has been no linkage with any technical institute like CCRI in the cluster.
- Lack of understanding about modern technology in pith block, geo textiles is found in the cluster.
- Proper maintenance of machines is not done as expert mechanics are not found at the unit level.
- Quality of husk is being compromised at some units resulting bad reputation.

- Uninterrupted power supply has been a major problem in the cluster.
- Lack of awareness among producers on different Public Support Schemes.

4.1.3 Opportunity

- Growing demand for eco friendly coir products .
- There has been an increase in export demand for coir pith-block.
- Availability of sophisticated machineries for manufacturing coir heo textiles and coir pith blocks of various sizes.
- Technical Institutes related to Coir have invented advanced machinery across the value chain.
- Presence of coir board as major support institution

4.1.4 Threats

- There is unhealthy competition from synthetic products.
- High cost of machinery, which individual units cannot afford
- Outside manufacturers are purchasing husk at a higher price through local agents resulting in increase in price of raw materials.
- Lack of support from Banks and other financial institutions.
- Lack of high capacity storage facilities during rainy season.

4.2 Need Gap Analysis

Based upon the above SWOT analysis of the cluster, area wise need gap analysis is inferred and mentioned as below:

4.2.1 Technology

Except one major unit all other units in the cluster are using outdated technology for defibering and yarn making resulting in less productivity. Efforts for upgrading technology is found to be low in the cluster, may be due to capital intensive nature. Proper maintenance of machinery is a major problem found in the cluster. There is a need for up gradation of technology. Product diversification in lieu with market demand is also suggested in the form of geo textiles and varoius sizes of coir pith manure blocks (25 KG, 5 KG and 650 Grams)

4.2.2 Marketing



The market for this cluster is restricted to local traders/wholesalers and retailers. Kurl-on purchase fibres from some major units in Gubbi, Thygatur and Nittur. Apart from that product like yarn, mats, curling are being consumed at local markets. Coir Pith is being sold at Rs.2/- per kg to nurseries. One unit at Siddapura does some value addition with pith by mixing fertilizers and supplies it to some other states. There is a need to organise exposure visits to places like Pollachito understand better marketing techniques. There is also a need to take few of the vibrant manufacturers to international fairs so as to sensitise them in international market requirements and procedures.

4.2.3 Finance

As it is mentioned the main supporting financial institution for the cluster is State Bank of India (SBI). No other major financial institutions like Banks are providing loans to the units as they don't have proper documents to avail loans. There is a need to create awareness among cluster units on book keeping and financial management by organising EDPs (Entrepreneurship Development Programme). There is also a need to organise an awareness workshop on Public Support Schemes with the help of NABARD, KVIC, MSMEDI, and local DIC.

4.2.4 Linkage with other Institutions

At present the cluster is having linkages with Coir Board and Coir Federation. There is a need to establish linkage with CCTRI (Central Coir Training and Research Institute) for quality up gradation and new technology, for export market promotion there is a need to establish linkage with FICEA (Federation of Indian Coir Exports Association), for leveraging NMCP (National Manufacturing Competitions Programme) there is need to establish linkage with MSME-DI. To avail schemes like Rural Mart and UPNRM (Umbrella Programme for Natural Resource Management) linkages with NABARD is suggested. Linkages with Banks will also help in availing loans and benefits under CGTSME (Credit Guarantee Fund Trust for Micro and Small Enterprises).

4.3 Suggested Market Plan for the Cluster

Business model of CFCs: The SPV is proposing Geo textiles, Pith Blocks of 3 different sizes (25 KG, 5 KG and 650 Grams) besides intermediary product 2 Ply Yarn as focus

products under SFURTI, some of which can be marketed through their 13 Sales outlets KSCCF, the IA. They also had a tie up with State PWD and NHAI for sale of Geotextiles.

4.3.1 Two Ply Yarn:



The CFC is estimated to produce 100 MT of 2 Ply Yarn, which has good demand in domestic markets from mattress making units. The segment wise estimated distribution of curled coir is given as below:

Shrushti Seva Samasthe – Adalagere			Estimated consumption
Curled Coir			
		Potential Customers	
Market Channel	Local	1 Kurlon– Bangalore	40 MT
		2 Duroflex– Bangalore	
		3 Restolex– Bangalore	
		4 KSCCF Production Centres	40 MT
	Pan India	1 Century Ply – Hyderabad	20 MT
		2 RUBCO Group, Kottayam, Kerala	
	Total	100 MT	

4.3.2 Geo Textiles:



cluster estimated to produce 0.90 lakh Sq. meters of geo textiles, KSCCL is already having tie up with State PWD department, NHAI, Hatti Gold Fields Private Limited, to supply more than 1.5 million square meters of geo textiles as such no issues in marketing are envisaged. KSCCL already making 3 lakh square meters of such textiles and

supplying to above institutions successfully and gained their confidence. Now, it is also planning to supply the same to Kerala and Maharashtra State Road construction departments.

Coir Geo Textiles			Estimated consumption	
		Potential Customers		
Market Channel	Local	1	Karnataka State R&B Department	1 million Sq. Meters
		2	Hatti Gold Mines Company Limited	
		3	Karnataka Rural Road Development Agency	
		4	Corporates and Residential Welfare Associations for to prevent water leakage	
		5	Major Gram panchayats to prevent lake bed erosion	
		6	Local Nurseries	
	Pan India	4	Kerala State R&B Department	0.3 Million Sq. meters
		5	Maharashtra State R&B Department	
	Total			1.30 million Sq. Meters



(Covering of lake beds)




(Covering of roads)

4.3.3 Pith Blocks:

There are Three types of blocks are expected to be produced in the proposed CFC, which are 25 KG, 5 KG and 650 Grams. While bigger blocks are targeted for exports, 650 gram blocks are taken mainly by major nurseries.

Pith Blocks (5 KGs and 25 KGs) 84000 each expected to be made by CFC 	E-Commerce portals like India Mart and Amazon, Alibaba	50000 No's
	Major Exporters like Sumukha Farm Products – Hosur, KESCO Organic Exports – Coimbatore, SMS Exporters, Coimbatore, Bloom & Peat Products & Venus International - Chennai, Kin Agro, Tuticorn	90000 No's 

4.3.4 Pith Manure: CFC is expected to produce average 1.00 lakh KGs of manure per annum and its market plan is:

Pith Manure 	SreeNidhi Scientific Nursery, Raghavendra Nagar	10000 KGs p.a
	Nandini Fruits and Avenue, Tumkur	10000 KGs p.a.
	Garden View Nursery, Sorana	20000 KGs p.a.
	Green Field Nursery, Chinnatti	15000 KGs p.a.
	Thumbare Nursery, Khamgaon	10000 KGs p.a.
	Local Farmers	25000 KGs p.a.

CHAPTER – 5

PROFILE OF THE IMPLEMENTING AGENCY

5.1 Institutional Structure

The Karnataka State Coir Co-Operative Federation was established in the year 1961 with the main objective of developing coir industry through co-operative movement in Karnataka state. This Federation is having 72 primary coir Co-operative societies as its affiliated member societies. There are more than 17 production centre where in all coir products are manufactured apart from this as per the customer demand, new varieties of coir products are also manufactured and sold. The Federation is also having 13 sales outlets and 5 Mobile sales van wherein different types of coir mats, matting cushions, rubberized mattresses, pillows etc. are display and sold.

The Federation is having godown facilities for storage and security of coir products at Bangalore and Arsikere. The Main manufacturing activities are coir fibre (Brown fibre and green husk fibre). Mats Matting, Geo-textiles, Curled coir required for Rubberized coir industry and other value added products. The Federation has provided employment to about 1500 unskilled persons in rural area out of which 90% are women. The main objective of the Federation is as follows:-

- To assist and support primary coir Co-operative societies.
- To provide Training.
- Supply of raw- materials
- Marketing of coir products
- Technical guidance

5.2 Governance Structure

The Organisational structure reflects Board of Directors, headed by President with 11 more members. At present Shri M.K. Puttaraju is the President of the federation. The Board of Directors is ably assisted by Office Staff headed by Managing Director.



5.3 Operational Profile

The regular operations are taken care of by office 48 member office staff, headed by Managing Director, who will not only take care of HO operations but also field offices and sales outlets. The federation has 5 sales managers, 15 Coir Supervisors of grade I and II based on their seniority, 2 depot managers, other than support staff.

5.4 Management Profile

The Board of Directors will take care of overall administration, while Managing Director along with staff will take care of the operational part. Each member of the federation has been entrusted with a specific task like marketing, input procurement, finance, training, mat procurement, product/ quality up gradation. The Board of Directors has been supported by Secretarial staff, which will take care of operational management at ground level, besides sales operations. Dr. H.R. Arun Kumar is present Managing Director of the Federation who has vast experience in textile and coir industry. He has taken lot of interest and initiatives for the development of the Karnataka Coir Industry. The Federation is having 16 production centres, several retail show rooms, and two mobile sales vans spread across the state, with each one headed by an official of Superintendent/ Supervisor rank person.

5.5 Financial Position

The Federation is aiming for 6crore sales turnover during the current year. The Federation is having a Fixed Asset of Rs.2, 54, 50,670 and Paid-Up Share Capital is Rs. 329.22 lakhs out of which, share capital from state government is Rs.329.00 lakhs.

CHAPTER – 6

PROJECT CONCEPT AND STRATEGY FRAMEWORK

6.1 Project Rationale, frame work and strategy

There is a need to stress on soft interventions at the initial stage so as to improve the capacities of stakeholders which will propel them to establish and run requisite hard interventions in a sustainable way. Since the cluster is having poor social capital, soft interventions play a crucial role. Hard interventions will be addressed, only after the initial awareness programs and exposure visits conducted as second phase preferably in the 2nd quarter of the first year, so as to make the project a sustainable venture. Once the soft and hard interventions are completed based on the additional requirement, leveraging of other public support schemes may be planned.

Addressing common issues:

The cluster firms are not aware of cluster concepts with limited inter member trust, limited awareness on government schemes like NMCP, CLCSSS, and CGTMSE etc. The linkage with banks and FIs are also limited. Lack of entrepreneurial capabilities is one of the reasons for their limited linkage with banks and limited market penetration. They also lack awareness on export policies and procedures. Thus there is a need to implement few soft interventions at cluster level like organising EDPs, awareness workshop on government schemes, interface with banks. These interventions are planned in the first year itself and will be organised at Tumkur which is the central point for the cluster.

6.2 Project Objective

Major objectives of implementing SFURTI in the cluster are:

- To address the issues of cluster based on their requirement, need and products manufactured, which ultimately strengthen the cluster per se.
- To improve the aggregate cluster production by introducing part mechanisation and up gradation of existing equipment.
- To improve the social capital of the cluster by capacitating the SPV.
- To establish requisite Common Facilities for value added products
- To strengthen linkages of cluster firms with support institutions and relevant BDSPs so as to make the proposed interventions sustainable

- To encourage direct marketing by cluster firms instead of existing trader controlled sales
- To improve entrepreneurial skills of principal stakeholders so as to gain confidence to opt for export marketing besides improving linkages with banks and FIs

6.3 Expected Benefit

Once the Common Facility Centres are at the disposal of the cluster as well as completing the soft interventions, the expected benefits will be as under:

New Artisans

- Returning back to their traditional and heritage occupation
- New skill development for new artisans
- Increase in regular income
- Improvement in the work culture for sustainable growth with new CFC

New Entrepreneurs

- Through appropriate training develop new entrepreneurs in various processes
- Investment in the cluster will be increased
- Alleviate the unemployment
- Augment the income of rural poor
- Dynamism in coir manufacturing

Cluster

- New opportunity for the cluster members
- Attract more investment
- Develop a strong net work
- Institutionalize a common facility centre
- Product and process standardization
- Quality standardization
- Brand/ image building
- Product Development
- Exporting the cluster products
- Instead of competing among units co-operation is introduced

6.4 Focus Products/ Services

Products: High quality 2 Ply Yarn, Pith Blocks of 25 KG, 5 KG and 650 Grams, Geo Textiles and Pith Manure are the major products of the cluster.

PART – II

CHAPTER – 7
PROJECT INTERVENTIONS

Based on the SWOT and need gap analysis, following soft interventions are proposed for the cluster:

7.1 SOFT INTERVENTIONS

SL. NO.	ACTIVITY	EXPECTED BENEFITS	APPR. FUNDS ESTIMATE
Trust Building & Awareness on Government Schemes			
1	Interface with Bankers (2 Nos)	At least 100 artisan understand bank requirements and 20 of them got linked to Banks for credit	50,000
2	Awareness Workshop on Government Schemes (1Nos)	At least 100 firms get awareness on various schemes like PMEGP, NMCP, CGTSME	50,000
Training Programs & SDPs			
3	2 week training on Pith Manure and Block Making (2Nos)	60 (30*2) participants will be trained in Block and manure making	4,00,000
4	2 week training program on making of Geo Textiles (2Nos)	60 (30 * 2Nos) artisans trained in geo textiles making	4,00,000
5	Exposure visit to Polachi Cluster (1 Nos)	20SPV members to understand better self-governance mechanisms, direct marketing	1,50,000
6	Organising One EDP	30 participants especially SPV members will adopt better management practices	50,000
Marketing			
7	Launching of cluster level Website/ E-commerce portal	For promotion of products through e-commerce	1,00,000
8	Organising buyer-seller meets (2 Nos)	Help the principle firms to understand buyer requirements and led to direct marketing.	3,00,000
	Total		15,00,000

7.2 HARD INTERVENTIONS

7.1 Hard Interventions

7.1.1 Automatic Spinning and Geo Textiles Making Unit

At present all the units are using charkas for spinning yarn which can produce 20 KG of yarn from fibre per day per machine. Thus on an average a unit is making only 100 to 150 KG, of yarn. Due to low production they could not able to make geo textiles which require huge quantity of yarn. Moreover the quality of yarn is also not very good since spinning cannot be as tight as made by an automatic spinning machine.

Similarly once the yarn is made, at present there is no value addition is happening, there by manufacturers are losing our higher profits, which can be gained with products like Geotextiles. KCCSF has already established one CFC at Kumta, which is unable to cater to the demand as such SPV and IA are planning to establish a 300 SFT per day capacity geo textile facility.

Both the above facilities will have 20 2 ply yarn machines, Bull Extractor and a Geotextile Power loom, with a total cost of Rs. 1.59 crores.

7.1.2 Pithblock Making and others

Other than the above the CFC is expected to house 5 KG pith block making units (2nos) 25 KG pith Block Making machine (1 Nos), 650 Grams Pith Block Making Machine (1 Nos) besides Pyrolysis and Pith Drier, used for making of manure with capacities of 400 pieces per day of 25 KG and 5 KG blocks, 1500 pieces of 650 grams per day, 500 KG of pith manure per day. The total cost of the machinery is expected 2.70 crores. One transport vehicle is also considered for bringing material and supply of manure, which will costs Rs. 20 lakhs.

A 10000 sqft shed is planned to be constructed for the CFC. At least 50% of the yarn made in the CFC **will be internally used as raw material for making of Geoo Textiles. Land for the proposed CFC is with SPV and is situated at Survery no- 40/1 (1 .35 acres) in Gowrikallu, which is converted to commercial land.**

CHAPTER – 8
SOFT INTERVENTIONS

Detailing of soft interventions as per the suggested guidelines is given as below:

8.1&2 Proposed Program: Interface with Bankers and Awareness Workshop on Government Schemes (1No each)

Course outline: 100 artisans get awareness on various schemes like Coir UdyamiYojana, Coir Vikas Yojana, Export Market Scheme, accident insurance scheme of Coir Board and CLCSS, CGTMSE schemes of MOMSME. Besides linkage with banks for at least 20 members.

Duration: One day (each)

Batch Size: 100 artisans x 2 Nos

Trainers and their details: Not applicable

Training delivery method: Officials from Coir Board, DIC, MSME-DI, lead bank will attend and explain about the relevant artisan centric schemes.

Details of infrastructure required: Excepting a venue, projector and LCD no other infrastructure is required

Availability of Infrastructure: Community hall will be used for organising the event, while chairs and tables will be taken on hire from local tent house

Cost of training program:

Awareness Workshop on Govt. schemes	
Venue Cost	5000
Local TA/ DA	5000
Refreshments 100 persons @ Rs. 200 per head	20000
Photo & Video expenses	10000
Literature & Misc.	10000
Total	50000
For 2 programs	100000

8.3 Proposed Program: 2 week training program on making and testing of pith blocks and manure

Course outline: 60 workers of major manufacturing firms will be trained block and manure

Duration: Ten Days

Batch Size: 30 x 2Nos

Trainers and their details: CCRI, Alleppy, Bangalore is a research institute of Coir Board, an autonomous body, under the control of Ministry of Agro and Rural Industries, Government of India. It has vast experience in conducting such programs.

Training delivery method: Class room sessions followed by practical sessions on machines

Details of infrastructure required: Venue (preferably at campus), LCD, Projector, Tables and Chairs

Availability of Infrastructure: Program can also be organised in CCRI Campus, which has all amenities

Method of selection of trainer: As per the norms, selection of trainers has to be done in bidding process. However coir based institutions is limited as such direct selection is preferred.

Cost of training program:

Venue Cost	0
travel expenses for artisans @ Rs. 2000 per head x 30 persons	60000
Local TA/ DA including lodging @ Rs. 300 per day x 10 days x 30 persons	90000
Faculty Fees to CCRI	30000
Photo & Video expenses	10000
Literature & Misc. Expenses	10000
Total	200000
2Nos	400000

8.4 Proposed Program: Two week training program on making of Geo Textiles

Course outline: 60 workers of major manufacturing firms will be trained in Geo Textiles making

Duration: 10 days

Batch Size: 30 x 2 Nos

Trainers and their details: KSCCF, which is now having vast experience and pioneer in making of geo textiles will undertake training at their Bangalore Campus.

Training delivery method: Class room sessions followed by practical sessions on machines

Details of infrastructure required: Venue (preferably at campus), LCD, Projector, Tables and Chairs

Availability of Infrastructure: President of IA is having a big hall which will be used as venue, while chairs and tables will be taken on hire from local tent house.

Method of selection of trainer: As per the norms, selection of trainers has to be done in bidding process. However coir based institutions is limited as such direct selection is preferred.

Cost of training program:

Venue Cost	10000
travel expenses for faculty	0
Local TA/ DA	10000
Stifund for participants 30 persons @ Rs. 200 per head x 10 days	60000
Raw Material cost @ 2000 per person x 30 persons	60000
Faculty Fees	40000
Photo & Video expenses	5000
Literature & Misc. expenses	15000
Total	200000
2Nos	400000

8.5 Proposed Program: Exposure visit to Polachi Cluster

Course outline: Stakeholders to understand better self-governance mechanisms, direct marketing

Duration: 3 days

Batch Size: 20 manufacturers, artisans including members of IA/ SPV and CDA

Trainers and their details: Not applicable

Training deliver method: Not applicable

Details of infrastructure required: Not applicable

Availability of Infrastructure: Not applicable

Cost of training program:

travel expenses 20 SPV/ IA members other than CDA @ Rs. 2000 per head	40000
Lodging & Boarding for members @ Rs. 1500 per head x 3 days	90000
Misc. expenses incl. local transport	20000
Total (2 Nos)	150000

8.6 Proposed Program: 3 day EDP

Course outline: 30 SPV members, manufacturers and selected house hold artisans

Duration: One week

Batch Size: 30

Trainers and their details: EDII has more than 4 decades of experience in conducting EDPs with headquarters at Ahmedabad and Branch Offices in almost all the states. They have full-fledged faculty with all amenities in Bangalore Office.

Training delivery method: Class room sessions

Details of infrastructure required: Venue, LCD, Projector, Tables and Chairs

Availability of Infrastructure: President of IA is having a big hall which will be used as venue, while chairs and tables will be taken on hire from local tent house.

Method of selection of trainer: As per the norms, selection of trainers has to be done in bidding process. Thus selection of EDII is tentative and need to go for at least limited bidding.

Cost of training program:

Venue Cost	50000
travel expenses for faculty	4000
Local TA/ DA	5000
Refreshments 30 persons @ Rs. 200 per head x 3 days	18000
Faculty Fees	10000
Photo & Video expenses	5000
Literature & Misc. expenses	3000
Total	50000

8.7 Proposed Program: E Commerce Portal

Course outline: For promotion of products through e-commerce

Duration: Continuous dynamic website

Batch Size: Not applicable

Trainers and their details: Not applicable

Training delivery method: Not applicable

Details of infrastructure required: Not applicable

Availability of Infrastructure: Not applicable

Method of selection of consultant: selection of consultant will be done in bidding process.

Cost of program: 1.00 lakhs as BDSP fees

8.8 Proposed Program: Organising Buyer Seller Meets (2nos)

Course outline: Help the principle firms to understand buyer requirements and led to direct marketing.

Duration: One day

Batch Size: 50

Trainers and their details: Not applicable

Training delivery method: Not applicable

Details of infrastructure required: Venue, LCD, Projector, Tables and Chairs, partitions

Availability of Infrastructure: Will be organised in a hotel at Tumakuru.

Method of selection of trainer: Not applicable

Cost of training program:

Organising BSMs	
Venue Cost	50000
Local TA/ DA	20000
Refreshments 50 persons @ Rs. 300 per head	15000
Publishing material expenses	30000
Photo & Video expenses	20000
Misc. like opening and closongceremonty expenses	15000
Total	150000
For 2 meets	300000

Activity wise budget for Soft Intervention Action Plan is given as below:

S. No	Name of the Activity	Time Line	Gol Grant	State Government Contribution	Stake Holders Contribution	Total Funds required
I. Building Awareness on various Government Schemes						
1	One Interface with bankers and one Awareness Workshop on Government Schemes (2 Nos)	Q1 & Q3	1.00	0	0	1.00
2	Exposure visit to Polachi Cluster	Q2	1.5	0	0	1.5
3	2 week training on Pith Block and manure making (2Nos)	Q2 – Q3	4.0	0	0	4.0
4	2 week training on Geo Textiles (2 Nos)	Q3-Q4	4.0	0	0	4.0
5	Conducting 3 day EDP	Q4	0.50	0	0	0.50
6	Web Portal Creation	Q4 – Q5	1.00	0	0	1.00
8	Organising 2 buyer seller meets	Q4- Q5	3.00	0	0	3.00
Grand Total			15.0	0	0	15.00

CHAPTER – 9**HARD INTERVENTIONS****9.1 Automatic spinning Cum Geo Textile Making unit:****9.1.1 Proposed intervention**

The SPV is contemplating to establish 2 Ply Yarn making Cum Geo Textile making unit which is expected to supply for local PWD and other Road Development Authorities both at State and Ventral Level. Even federation require yarn for their 17 production centres spread across the state. Thus as backward integration it is planned to purchase 20 fully automatic spinning machines, besides one Geo Textiles making power loom, 2 hecklers, and a bull extractor with a capacity of 25 Kg per hour per machine for Yarn and 300 SFT of Geo Textiles per day.

9.1.2 Land details

1.35 acres of commercial land is available, bearing survey number 40/1, in Gowrikallu Village. A 10000 SFT of shed is planned which will house all the proposed facilities, with a total cost of Rs. 80.00 lakhs.

9.1.3 Proposed capacities

The total capacity of Yarn making is coming to 400 KG per Day (with 1 shift) at 100% capacity utilisation and 300 SFT of Geo Textiles per day. However in the first year only 60% capacity utilisation is considered with 5% increase every year. By sixth year, the unit is expected to reach its optimal capacity and from then onwards it is expected to maintain 85% capacity utilisation.

9.1.4 Proposed equipment's/ machines etc.

20 automatic double head spinning machines are considered for the proposed centre, besides one Geo textiles Power loom machine. Other than the above, one bull extractor, 2 heckles and electrical cabling is required. All the accessories of the machines will be given by the supplier and the proposed cost is inclusive of them.

9.1.5 Master Plan/ Detailed engineering drawings

A detailed master plan along with civil estimates are given as **annexure – 14**

9.1.6 Project Cost

The total project cost includes civil construction and purchase of machinery is given as below:

Parameter	Specifications	Amount per unit	Total Cost including freight tax, insurance etc.
Civil	10000 SFT of Shed (Used for all facilities)	800	8000000
Machinery	Automatic spinning machines 20Nos, one Geo Textiles power loom, 2 Heckles and one bull extractor besides electrical cabling		18377320
Total			26377320

(Detailed break up is given in the financial statements of business plan chapter)

9.1.7 Operation and maintenance model

The product will be sold on common brand basis by the SPV with the help of Federation which is also IA for the project.

9.1.8 Business Plan

While 2 Ply Yarn is used for geo textile making and also sold on common brand, geo textiles will be sold fully by KSCCF on common brand.

9.1.9 Implementation schedule

The civil construction is expected to be completed by end of third quarter of the first year of the project implementation. Purchase and erection of machinery will be done by 1st quarter of 2nd year and plant is expected to start its commercial operations by end of second quarter of second year. It is expected to reach breakeven in the first year of operation.

9.1.10 Any other information pertaining to the project

Nil

9.2 Pith Blocks and Manure Making Unit

9.2.1 Proposed intervention

There is a great demand for Pith manure and pith blocks not only in India but also abroad. While local nurseries are expected to purchase the manure and 650 Gram Pith blocks, the exporters and international buyers situated in Chennai, Coimbatore and Bangalore were contacted for purchase of 5 KG and 25 KG Pith Blocks.

9.2.2 Land details

1.35 acres of commercial land is available, bearing survey number 40/1, in Gowrikallu Village. A 10000 SFT of shed is planned which will house all the proposed facilities, with a total cost of Rs. 80.00 lakhs.

9.2.3 Proposed capacities

The capacity of 5 KG and 25 KG Pith Blocks are 400 pieces per day each, 650 grams blocks are 1500 pieces per day and for manure, it is 500 KG per day with one shift of operation. The facility is expected to run 300 working days per annum. However in the first year only 60% capacity utilisation is considered with 5% increase every year. By sixth year, the unit is expected to reach its optimal capacity and from then onwards it is expected to maintain 85% capacity utilisation.

9.2.4 Proposed equipment's/ machines etc.

S.No.	Name of the machinery	hp	qty	Rate	Total Basic Price	GST @ 18%	Total Amount
1. Pith Block Making							
1.1	Pith block 25 kg making machine	15	1	1190000	1190000	214200	1404200
1.2	Pith block 650 Grams making machine	15	1	1187000	1187000	213660	1400660
1.3	Pith block 5 kg making machine	10	2	1120000	2240000	403200	2643200
2. Others							
3	Heckler	0	2	127000	254000	45720	299720
4	Pyrolysis & Pith Drier	10	1	6750000	6750000	1215000	7965000
5	2 Ply Yarn Machine	60	20	430000	8600000	1548000	10148000
6	Bull Extractor	0	1	1700000	1700000	306000	2006000
7	GeoTextiles Power Loom	0	1	3170000	3170000	570600	3740600
8	Transport Vehicle	0	1	1700000	1700000	306000	2006000
9	Coir Pith Grow Bag 25 Kg	5	1	760000	760000	136800	896800
10	Electrical Cabling		1	1850000	1850000	333000	2183000
	Total	115					34693180

9.2.5 Master Plan/ Detailed engineering drawings

A detailed master plan along with civil estimates are given as **annexure – 14**

9.2.6 Project Cost

The total project cost includes civil alterations and purchase of machinery is given as below:

Parameter	Specifications	Amount per unit	Total cost	Total including tax, freight insurance etc.
Civil	10000 SFT Shed		Cost given as in facility 1	
Machinery	As given above			16315860
Working Capital	Selling on common brand basis	2302000	2302000	3671000
Total				19986860

9.2.7 Operation and maintenance model

To make the facility sustainable, 100% of the capacity will be sold on common brand basis, where IA along with SPV itself will make the manure, blocks and sell directly to clients.

CHAPTER – 10

PROJECT COST AND MEANS OF FINANCE

10.1 Project Cost

The cost of project include cost of implementing Soft Interventions, Hard Interventions, IA fees and TA fees with a total project span of 3 years. However for SI and HI the aggregate project costs are given. Following table shows the aggregate cost of project:

Sl.No	Particulars	Total
A	Land (Lease)	0.00
	land Development	0.00
B	Building & other Civil Works	0.00
	Civil Works	80.00
C	Plant and machinery	
	a. indigenous	346.93
	b. import	
D	Lease Deposit & Electricity Deposit	0.00
E	Technical consultancy fee	0.00
F	Miscellaneous fixed assets	0.00
G	Erection / installation charges	0.00
H	Preliminary expenses	0.00
I	Pre-operative expenses	0.00
J	Provision for contingencies	
	a. buildings (@2%)	0.00
	b. Plant & Machinery (10%)	0.00
	c. Other fixed assets	0.00
K	Working capital	36.71
G	Provision for Soft Interventions	15.00
H	IA Fees	20.00
I	TA Fees	30.00
	Total	528.64

10.2 Means of Finance

Means of finance is mainly confined to SFURTI Grant and Promoter's equity. Promoters are willing to contribute on their own and are not taking any unsecured loans for the project. Thus the details of means of finance are given as below:

		Total
I.	Gol Grant under SFURTI	482.28
II.	State Contribution if any	23.18
III.	Promoters Equity	
	Own Sources	23.18
	Unsecured loans	0.00
Total		528.64

As per the guidelines 100% grant is considered for implementation of SI plan. For Hard interventions 90% grant is considered. **State Government as their contribution will bring 5% of equity and remaining 5% will contribute SPVs.** IA fee is coming to Rs. 20.00 lakhs, which is within maximum cap of 8% of HI or Rs. 20.00 lakhs, which ever is lower. TA fees are calculated as 8% of HI or 30 lakhs which ever is lower and are coming to Rs.30.00 lakhs. Thus the total project cost is coming to 528.64 lakhs in which Gol grant is 482.28 lakhs, which is with in maximum cap for major cluster i.e. Rs. 500 lakhs.

10.3 Project Phasing

As indicated, project will be implemented in 3 years of time. While first year concentration will be more on implementation of soft interventions and initiation of HI, the second year will not only completion of SI but also completion of CFCs. By third Year, there will not be any SI and only strengthening of established CFCs will be given priority. Accordingly the following phasing has been suggested:



Sl.No	Particulars	1st Year	2nd Year	3rd Year	Total
A	Land (Lease)	0.00	0.00	0.00	0.00
	Land Development	0.00	0.00	0.00	0.00
B	Building & other Civil Works				0.00
	Civil Alterations for Spinning Plant	0.00	0.00	0.00	0.00
	Civil Works for Mat making cum godown	48.00	32.00	0.00	80.00
C	Plant and machinery				
	a. Indigenous	138.77	208.16	0.00	346.93
	b.Import				
D	Lease Deposit &Electricity Deposit	0.00	0.00	0.00	0.00
E	Technical consultancy fee				
F	Miscellaneous fixed assets	0.00	0.00	0.00	0.00
G	Erection / installation charges	0.00	0.00	0.00	0.00
H	Preliminary expenses	0.00	0.00	0.00	0.00
I	Pre-operative expenses	0.00	0.00	0.00	0.00
J	Provision for contingencies				
	a.Buildings (@2%)	0.00	0.00	0.00	0.00
	b.Plant& Machinery (10%)	0.00	0.00	0.00	0.00
	c.Other fixed assets	0.00	0.00	0.00	0.00
K	Working capital	0.00	36.71	0.00	36.71
G	Provision for Soft Interventions	7.50	7.50	0.00	15.00
H	IA Fees	6.67	6.67	6.67	20.00
I	TA Fees (75% of SI+HI)	10.00	10.00	10.00	30.00
	Total	210.94	301.04	16.67	528.64
		1st Year	2nd Year	3rd Year	Total
I.	Gol Grantunder SFURTI	192.26	273.35	16.67	482.28
II.	State Contribution if any	0.00	0.00	0.00	0.00
III.	Promoters Equity	0.00	0.00	0.00	0.00
	Own Sources incl. State Govt.	18.68	27.69	0.00	46.36
	Unsecured loans	0.00	0.00	0.00	0.00
Total		210.94	301.04	16.67	528.64

PLAN FOR CONVERGENCE OF INITIATIVES

11.1 convergence initiatives:

Coir industry in Koratagere is mainly having 10 units with 250 workers and 550 house hold units. At present these units are depending on manual charkhas for spinning which can produce not even 5 KG per day. Thus the total production of 5 units is not crossing 300 Kgs per day. Thus there is a need to leverage Coir Udyami Yojana, to expand their yarn making facilities by purchasing one fully automatic double head spinning machine per unit. Thus each unit require Rs. 5.00 lakh for purchase of machinery, civil alterations and working capital.

The common convergence activities planned and their tentative estimates are given as below:

S.No	Activity	Number of firms/artisans targeted	Tentative project Cost (In Rs.)	Scheme contribution	Bank Loan	Promoter Contribution
1	Expansion of existing 5 production units with automatic 2 ply spinning machines (one each) under Coir Udyami Yojana	20	20 Nos. x Rs. 5,00,000 = Rs.100,00,000	40,00,000	55,00,000	5,00,000
	Total		1,00,00,000	40,00,000	55,00,000	5,00,000

ENHANCED PROJECT COST WITH CONVERGENCE OF SCHEMES

Overall project cost which is including grant under SFURTI, Stakeholder contribution, and co-funding by Coir Board (Coir Udyami Yojana), Bank Loan is given as below. A component wise break up is give as per the format.

(Rs. In lakhs)

S.No	Component	Total	Grant under SFURTI	Bank Finance	State Contribution	Grant from other schemes (CUY)	Stakeholder Contribution
1	Soft Interventions	15.00	15.00	0.00	0.00	0.00	0.00
2	Hard Interventions (under Core SFURTI)	463.64	417.28	0.0	23.18	0.0	23.18
3	Convergence For expansion of 20 existing units with auto spinning under CUY	100.00	0.00	55.00	0.00	40.00	5.00
4	IA Fees	20.00	20.00	0	0	0	0
6	Technical Agency Fees	30.00	30.00	0	0	0	0
	Total	628.64	482.28	55.00	23.18	40.00	28.18

Thus out of a total of 628.64 lacs as project cost, SFURTI contribution is coming to 77%, Stake Holders contribution is coming to 5% and remaining 18% is shared by Grant under Coir Udyami Yojana, besides bank loan and State Contribution.

CHAPTER – 13
PROJECT TIMELINE

The project implementation schedule with details of activities to be undertaken are given in the following chart based on the project phasing as given in the chapter – 8.

Project Activity	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13-14
1. Preparation and submission of DPR for proposed HI under SFURTI													
2. Implementation of Trust Building activities under SI													
3. Implementation of trainings/ SDPs under SI													
4. Capacity building initiatives for Self Governance under SI													
5. Market Promotion Activities under SI													
7. Establishment of CFC													
9. Establishment of units under CUY													
10. Monitoring & evaluation													
11. Preparation of road map and exit from the cluster by IA and TA													

CHAPTER – 14

DETAILED BUSINESS PLAN

It is to be mentioned that no income is expected from any of the soft interventions for SPV. The add on components like convergence initiatives are not included in business plan, as it is too early to assess the production levels and their marketing capability.

The production capacity of Pith Block making & Manure unit is 400 pieces each of 5 KG blocks and 25 KG blocks, 1500 pieces of 650 grams blocks, 500 KGs of manure per day. While for 2 ply Yarn cum geo textiles, it is 360 KGs and 300 SFT per day in one shift. The capacities mentioned are at 100% utilisation. Both the units are expected to reach 60% capacity utilisation in the first year, 65% in the second year and reach a capacity of 85% by 6th year.

14.1 Product Mix:

The focus products of the CFC are geo textiles, 2 Ply Yarn, 5 & 25 KG beside 650 Gram pith Blocks and pith manure. The price of per SFT of geo textiles is Rs. 110, 2 ply yarn is Rs. 12 per KG, per piece of 5 KG pith block is Rs. 30, per piece of 25 KG block is Rs. 80 per KG of pith manure is Rs. 6.

14.2 Manpower Cost:

The man power includes 20 skilled and 8 unskilled workers, who will be administered by manager for whom a provision has been made in the budget. One marketing executive, accounts assistant, and two security guards are also provisioned in the budget.

The total wages for plant is estimated at 34.35 lakhs and for administrative staff the salaries are coming to Rs. 4.13 lakhs, which are inclusive of 25% fringe benefits as per enforcement directorate norms.

(Details of manpower given in annexed financial estimates)

14.3 Utility and other overheads:

Power: The project requires 115 HP power and is expected to cost an amount of Rs. 9.56 lakhs in the first year of operation.

Water: Water of 20 gallons is required per day for industrial purpose for pith wash. So a charge of Rs. 1.200 lakhs is considered for the first year.

No Preliminary expenses and **pre-operative expenses** were considered, as there is no provision under the project.

Admin expenses are considered at 1% on sales, repairs and maintenance as 1% of sales and sales expenses as 1% on sales.

14.4 Depreciation

A depreciation of 3.34% on buildings and 4.75% on plant and machinery considered as per the Government Norms. While Straight-line method is used for profit and loss account statement, WDV method is used for tax calculations. Total depreciation per year is coming to Rs. 19.15 lakhs per annum.

14.5 Working Capital

Since 100% of capacity is used for direct marketing, the total working capital is coming to Rs. 36.71 lakhs and details are given as below:

Particulars	No. Of months	2020
Current Assets		
1. Raw materials	2.00	9.00
2. Consumables, Stores and spares	1.00	0.45
3. Stock in process (Month's cost of production)	0.25	2.70
4. Finished Goods (Months cost of sales)	1.00	10.79
5. Export's receivables	0.00	0.00
6. Receivables other than exports	1.00	14.90
Total Current Assets (A)		37.84
Current Liabilities		
1. Creditors for purchases	0.25	1.13
		0.00
Total Current Liabilities (B)		1.13
Working Capital Gap (A-B)		36.71
Less: Bank Borrowing for working capital		0.00
Margin money for working capital		36.71

14.6 Financial Projections

Profitability Statement: Given as below:

Year Ending 31st March	2021	2022	2023	2024	2025
Production Capacity Utilization	0.60	0.65	0.70	0.75	0.80
Sales as percentage of installed capacity	0.60	0.65	0.70	0.75	0.80
Sales/ Total Income					
Gross Domestic Sales	178.78	193.67	208.57	223.47	238.37
Less: Excise Duty	0.00	0.00	0.00	0.00	0.00
Net Domestic Sales	178.78	193.67	208.57	223.47	238.37
Export Sales	0.00	0.00	0.00	0.00	0.00
Net Sales	178.78	193.67	208.57	223.47	238.37
Other Operational Income	0.00	0.00	0.00	0.00	0.00
Total Income	178.78	193.67	208.57	223.47	238.37
COST OF PRODUCTION- SALES					
Raw material Consumed	54.00	59.40	65.34	71.87	79.06
Consumables, Stores and spares (3% on sales)	5.36	5.81	6.26	6.70	7.15
Power, Fuel and other utilities (Variable)	6.69	7.25	7.81	8.36	8.92
Power, Fuel and other utilities (Fixed)	2.87	4.14	4.46	4.78	5.10
Water	1.20	1.26	1.32	1.39	1.46
Factory salaries & Wages (variable)	34.35	34.35	34.35	34.35	34.35
Factory salaries & Wages (fixed)	4.13	4.13	4.13	4.13	4.13
Repair and maintenance	1.79	1.94	2.09	2.23	2.38
Other Variable Expenses	0.00	0.00	0.00	0.00	0.00
Depreciation	19.15	19.15	19.15	19.15	19.15
Sub Total	129.53	137.42	144.90	152.97	161.70
Add: Opening Stock in process	0.00	0.00	0.00	0.00	0.00
Less: Closing stock in process	0.00	0.00	0.00	0.00	0.00
COST OF PRODUCTION	129.53	137.42	144.90	152.97	161.70
Add: Opening stock of finished goods	0.00	0.00	0.00	0.00	0.00
Less: Closing stock of finished goods	0.00	0.00	0.00	0.00	0.00
Cost of sales	129.53	137.42	144.90	152.97	161.70
Selling Packing & Distribution Expenses	1.79	1.94	2.09	2.23	2.38
Administrative & Misc. Expenses	1.79	1.94	2.09	2.23	2.38
Sub Total	133.11	141.30	149.07	157.44	166.47
Profit Before Interest and Tax (PBIT)	45.67	52.38	59.50	66.03	71.90
Interest on Bank Loan	0.00	0.00	0.00	0.00	0.00

Interest on unsecured loan	0.00	0.00	0.00	0.00	0.00
Interest on bank borrowing	0.00	0.00	0.00	0.00	0.00
Operating Profit	45.67	52.38	59.50	66.03	71.90
Preliminary expenses written off	0.00	0.00	0.00	0.00	0.00
Non Operational Income	0.00	0.00	0.00	0.00	0.00
Profit Before Tax (PBT)	45.67	52.38	59.50	66.03	71.90
Provision for taxation	1.49	6.34	10.40	14.58	18.25
Profit After Tax	44.18	46.03	49.10	51.45	53.65

14.8 Break Even Analysis

The project will reach breakeven in the first year of operation. During the first year the variable expenses are coming to Rs. 102.19 lakhs with a contribution of Rs. 76.58 lakhs thus leaving a breakeven of 38.80%. The breakeven will show a declining trend and by 6th year it will reach to 30.05, which is significant.

(Please refer annexure 13 for detailed BE analysis)

14.9 IRR Calculation

Both pre and post-tax IRR were calculated to assess the viability of the project. The average IRR before tax is coming to 11.07 with an NPV of Rs. 102.08 lakhs at 7% discount rate. The average IRR post tax is coming to 7.40 with NPV of Rs. 9.31 lakhs. Since there is no bank lending the IRR appears to be on very positive side showing the viability of the project.

(Please refer annexure 12 for detailed IRR analysis)

Conclusions:

The above financial statements indicate that the proposed facilities are viable, provided at least 60% capacity utilization is ensured. Any drop in sale charges more than 10% and increase in expenditure cost by 10% will make the unit a non-viable proposition.

Note: The detailed financial statements are given as annexure 1 to 13.

CHAPTER – 15**PROPOSED IMPLEMENTATION FRAMEWORK****15.1 Role of implementing agency**

Following are the expected role of implementing agency

- Appointment and monitoring of the performance of CDA
- Selection of relevant beneficiaries for each activity balancing all the areas of concentration and stakeholders
- Micro planning of each activity in to sub activities and make a plan, besides sticking to time lines
- Acquisition of all clearances, documents, NOCs for land, power, water, construction from concerned line departments with the help of TA.
- Preparation of quarterly progress reports, expenditure statements on timely basis with the help of TA.
- Leveraging of other State Schemes for add on activities with due help from TA
- Capacitate its executive members for strong self-governance

15.2 Details of strategic partners and other project stakeholders

TA needs to help the IA in not only preparation of DSR and subsequent DPR but also in identification of competent CDA, implementation of SI and HI as per the plan. They also expected to help IA in framing proper O&M framework for CFC maintenance.

Coir Board is required to release the funds on time once the yearly action plan has been submitted. It also needs to provide technical help wherever required since coir sector comes under its fold.

CCRI play a crucial role in organising few of the training programs like on advanced practices in mat making, rope making etc.

Coir Board

The CB will act as the Nodal Agency. The agency will not only provide financial assistance in the form of grant in aid but also act as apex monitoring agency to oversee the progress of the proposed CFC through its regional office at Bengaluru. The nodal agency will also appraise the

implementation and progress of the CFC to the Scheme Steering Committee headed by Secretary, Ministry of MSME.

Commissioner of Industries (Col)

As state level apex agency for industrial development, they can help the IA/ SPV in dovetailing state schemes with specific reference to establishment of hard interventions.

Working Committee (WC)

A WC will be formed preferably chaired by District Magistrate, with nominated members from Commissioner of Industries, Coir Boar local office, NABARD, SPV and a related Technical Institution. The WC will play the role of an advisor in technical, financial, marketing and management mechanisms for smooth functioning of CFC. It will monitor the progress of the CFC on monthly/ quarterly basis and suggest corrective actions wherever required. It will be a catalyst committee between SPV and other concerned Central/ State institutions for smooth coordination.

15.3 Structure and composition of SPV

The Proposed Common Facilities will be managed by Special Purpose Vehicle. The SPV will oversee the following functions:

- Establish, operate and maintain all common facilities as mentioned in the DPR.
- Collection of user charges from SPV members and other users of the facilities so as to meet the recurring expenses and future expansions
- Preparation and submission of progress reports to KVIC through TA

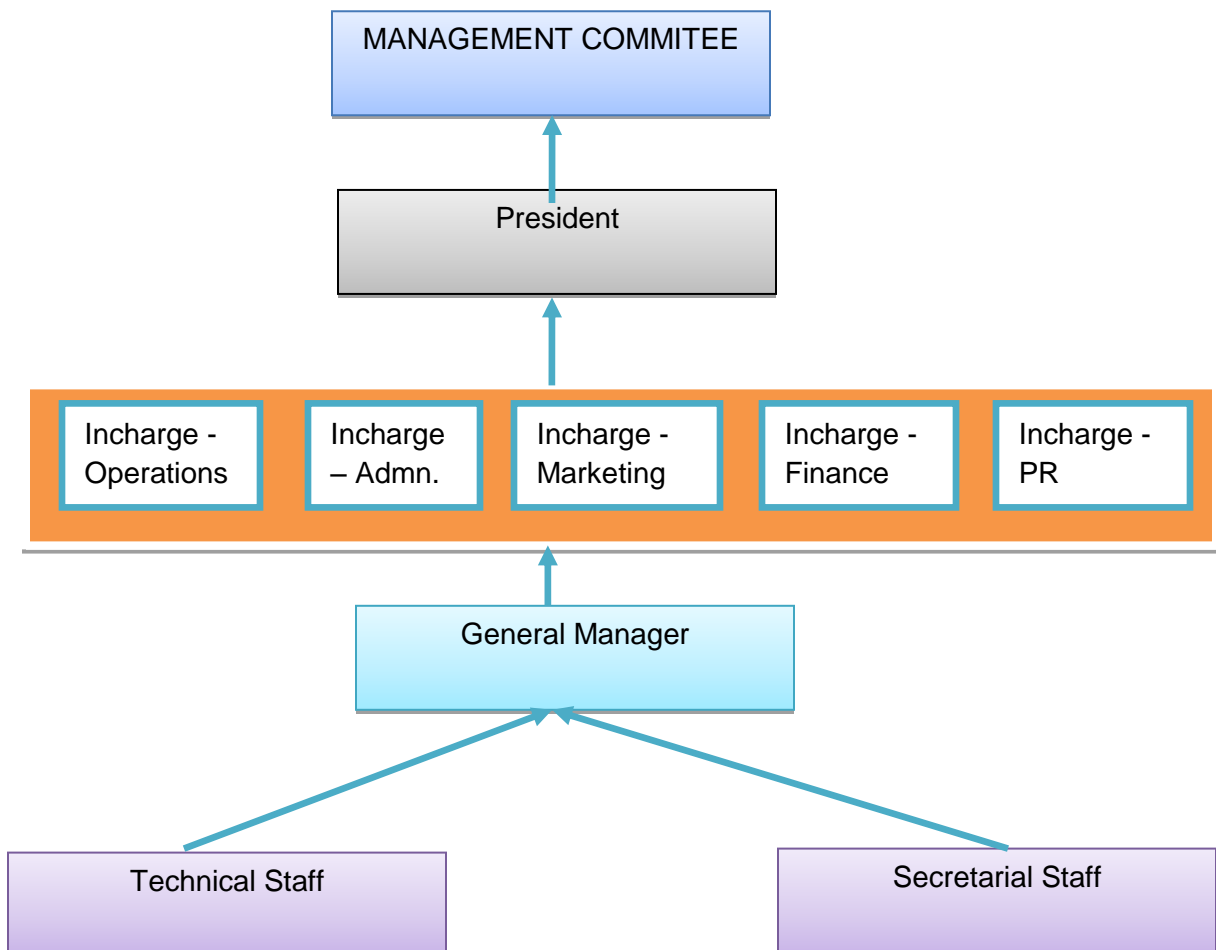
The management of the CFC will be a three tier structure for smooth and uninterrupted operations and is as follows:

The Management Committee: It is the main governing body for the SPV which is ably assisted by Technical and Secretarial staff. At present committee is having 3 executives namely President, Secretary and Treasurer. While the President will oversee the entire operations, the other 2 executives and 2 members are entrusted with specific responsibility like marketing, technical, finance, Public relations etc. based on his past experience and qualifications.

The technical staff: The Common Facility will have its own technical staff who will work on full time basis. The technical staff is headed by an experienced Manager and will be assisted by skilled and unskilled employees to run the proposed hard interventions.

The Secretarial Staff: A competent and well qualified person will be appointed as the General Manager who will look after day to day operations of CFC and is directly reporting to Management Committee. He will be assisted by an accountant and assistant besides security guards who will work on shift basis.

The proposed organizational structure of the CFC is given as below:



CHAPTER – 16
EXPECTED IMPACT

The expected impact is given at sub cluster level since each one is unique in its dynamics and production levels. The sub cluster wise impact is given as below:

16.1.1 at Enterprise Level

Number of direct beneficiary firms: all manufacturing firms along with 800 artisans.

a) Likely range of outputs:

- At least 60 workers, artisans will be trained in advanced Geo Textiles making besides 60 artisans in making of pith manure and pith blocks
- At least 10 firms will start export marketing and 20 house hold units direct marketing by becoming producers
- At least 20major units/ household units will be benefitted under Public Support Schemes like CUY

b) Indirect beneficiary firms:

Strengthening of forward and backward linkages and local institutions, provision of linkages with public and private support institutions, strengthening of local infrastructure through public-private partnerships would benefit at least 80% of the existing cluster enterprises indirectly, in 3 years of intervention.

16.1.2 Cluster Level

- Strengthening of SPV for establishment and management of proposed hard interventions
- Establishment of a common facility centre for Geo Textiles, 2 Ply yarn, pith Block, pith manure.
- Strong linkages with related institutions and BDSPs like CCRI, FICEA, NIFT and Banks, Coir Board and DIC
- Increase in productivity by 50 to 60%, turnover by 50 to 60%, employment by 80%

The performance indicators at cluster level are given as below:

S.No	Indicator	Present Status	Post Intervention (At the end of 3 rd Year)
1	Total Production (in MT/ Nos)	400 MT of fibre, 900 MT of pith	600 MT of fiber, 1000 MT of manure, 63000 SFT of Geo Textiles, 84000 pieces of 25 KG and 5 KG each pith blocks, 3.15 lakh pieces of 650 Grams blocks
2	Total Turnover (Rs. In lakhs)	125	333
3	Investments (Rs. In lakhs)	120	580(including CFCs)
4	Profitability (in Percentage)	7% to 10%	14% to 17%
5	No. of Artisans	825	1000
6	Capacity Utilization (in %)	40 to50	70 to 80
7	Skilled Artisan income (Rs. in Thousands)	5000 to 7000	8000 to 10000
8	Semi SkilledArtisan income (Rs. in Thousands)	4000 to 5000	6000 to 7000
8	Direct Marketing by artisans (In nos.)	0	20
9	Export marketing by Manufacturers	0	10
10	Beneficiaries under Coir Udyami Yojana	0	20
11	Artisans to be covered under social benefit schemes (Jandhan + Pradhan Mantri SurakshaBheema Yojana + Atal Pension Yojan + Pradhan Mantri JeevanJyothiBheemaYojana)	0	1000 No's



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Annexure – 1

Cost of the Project and Means of Finance				
				Rs.In lakhs
Sl.No	Particulars	Already incurred	To be incurred	Total Cost
A	Land	-	-	-
	land Development	-	-	-
B	Building & other Civil Works	-	80.00	80.00
C	Plant and machinery			
	a. indigenous	-	346.93	346.93
	b.import	-	-	-
	c.Other fixed assets	-	-	-
D	Working capital	-	36.71	36.71
	Total :	-	463.64	463.64

MEANS OF FINANCE

MEANS OF FINANCE				
				Rs.In Lakhs
Sl.No.	Particulars	amount already raised	amount proposed to be raised	Total
	Equity			
A	Equity from spv@5%	-	-	23.18
	Quasi Equity			
F	Interest free unsecured loans	-	-	-
G	Subsidy : central govt. (90%)	-	-	417.28
H	Subsidy : state govt. 5%	-	-	23.18
	Total	-	-	463.64

Annexure – II Details of Machinery

S.No.	Name of the machinery	hp	Qty	Rate	Total Basic Price	GST @ 18%	Total Amount
1.	Pith Block Making						

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.



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1	Pith block 25 kg making machine	15	1	1190000	1190000	214200	1404200
2	Pith block 650 Grams making machine	15	1	1187000	1187000	213660	1400660
3	Pith block 5 kg making machine	10	2	1120000	2240000	403200	2643200
3. Others							
4	Heckler	0	2	127000	254000	45720	299720
5	Pyrolysis & Pith Drier	10	1	6750000	6750000	1215000	7965000
6	2 Ply Yarn Machine	60	20	430000	8600000	1548000	10148000
7	Bull Extractor	0	1	1700000	1700000	306000	2006000
8	GeoTextiles Power Loom	0	1	3170000	3170000	570600	3740600
9	Transport Vehicle	0	1	1700000	1700000	306000	2006000
10	Coir Pith Grow Bag 25 Kg	5	1	760000	760000	136800	896800
11	Electrical Cabling		1	1850000	1850000	333000	2183000
	Sub Total - 1	115					34693180

Annexure - III			
Detailed Workings			
Description	Quantity (SFT/ No's)	Rate (In Rs.)	Amount
General			
For Spinning Unit			
Shed & Godown	10000	800	80,00,000
Total			80.00
Details given in Quotation			



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Annexure -IV								
Inputs								
YEAR	2021	2022	2023	2024	2025	2026	2027	2028
Yarn (3000 KG per day x Rs. 10 per Kg)	54.00	59.40	65.34	71.87	79.06	86.97	91.32	95.8
Power & Diesel	9.56	10.35	11.15	11.95	12.74	13.54	13.54	13.5
Water	1.20	1.26	1.32	1.39	1.46	1.53	1.61	1.6
Total	64.76	71.01	77.81	85.21	93.26	102.04	106.46	111.1
Total Cost	64.76	71.01	77.81	85.21	93.26	102.04	106.46	111.1
COST COMPONENTS AS % OF SALES								
Cost Component	Sales							
Admn. Expenses	1.00%							
Repairs&Maintenance	1.00%							

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.



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Selling Expenses		1.00%						
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DETAILS OF MANPOWER REQUIRED					
Particulars		No.	Salary/		Annual
			month		Wages &
			Rs.		Salaries
					Rs. lakhs
Plant In charge		1	15000		1.80
Operators		2	12000		2.88
Store Keeper		0	10000		0.00
Skilled Labor		20	7500		18.00
Simi skilled labor		8	5000		4.80
		31			27.48
Add: Fringe Benefits	@25%				6.87
Total					34.35
ADMINISTRATIVE SALARIES					
Manager		0	15000		0.00
Marketing Officer		1	10000		1.20
Accts/ Admin/ Assts		1	7500		0.90
Security		2	5000		1.20
		4			3.3
Add: Fringe Benefits	@25%				0.83
Total					4.13
TOTAL		35			38.48

ANNEXURE- V

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.



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BASIC ASSUMPTIONS FOR PROFITABILITY								
REVENUE PROJECTIONS								
YEAR	2021	2022	2023	2024	2025	2026	2027	2028
Capacity Utilization (%)	60%	65%	70%	75%	80%	85%	85%	85%
I. Pith Blocks (25 KG)								
Installed Capacity (In No's)	120000	120000	120000	120000	120000	120000	120000	120000
Actual Sale capacity (In No's)	72000	78000	84000	90000	96000	102000	102000	102000
Sale cost (Rs/No)	80	80	80	80	80	80	80	80
Revenue(Rs lakhs)	57.60	62.40	67.20	72.00	76.80	81.60	81.60	81.60
II. Coir Pith Blocks (5KG)								
Installed Capacity (In No's)	120000	120000	120000	120000	120000	120000	120000	120000
Actual Sale capacity (In No's)	72000	78000	84000	90000	96000	102000	102000	102000
Sale cost (Rs/No)	30	30	30	30	30	30	30	30
Revenue(Rs lakhs)	21.60	23.40	25.20	27.00	28.80	30.60	30.60	30.60
III. Coir Pith Blocks (650 Grams)								
Installed Capacity (In No's)	450000	450000	450000	450000	450000	450000	450000	450000
Actual Sale capacity (In No's)	270000	292500	315000	337500	360000	382500	382500	382500
Sale cost (Rs/No)	10	10	10	10	10	10	10	10
Revenue(Rs lakhs)	27.00	29.25	31.50	33.75	36.00	38.25	38.25	38.25
IV. Pith Manure (Common Brand)								
Installed Capacity (In Kgs)	150000	150000	150000	150000	150000	150000	150000	150000
Production Capacity (In Kgs)	90000	97500	105000	112500	120000	127500	127500	127500
Sale cost per KG In Rs.	6	6	6	6	6	6	6	6
Revenue(Rs lakhs)	5.40	5.85	6.30	6.75	7.20	7.65	7.65	7.65
V. Geotextiles								
Installed Capacity (In	90000	90000	90000	90000	90000	90000	90000	90000

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Meters)								
Installed Capacity (In Meters)	54000	58500	63000	67500	72000	76500	76500	76500
Installed Capacity (In Meters)	110	110	110	110	110	110	110	110
Revenue(Rs lakhs)	59.40	64.35	69.30	74.25	79.20	84.15	84.15	84.15
VI. 2 Ply Yarn								
Installed Capacity (No. Kgs)	108000	108000	108000	108000	108000	108000	108000	108000
Production Capacity (In Kgs)	64800	70200	75600	81000	86400	91800	91800	91800
Sale cost per KG	12	12	12	12	12	12	12	12
Revenue(Rs lakhs)	7.78	8.42	9.07	9.72	10.37	11.02	11.02	11.02
TOTAL REVENUE	178.8	193.7	208.6	223.5	238.4	253.3	253.3	253.3

ANNEXURE – VI									
PROJECTED PROFITABILITY STATEMENT									
Year Ending 31st March	2021	2022	2023	2024	2025	2026	2027	2028	
Production Capacity Utilization	0.60	0.65	0.70	0.75	0.80	0.85	0.85	0.85	
Sales as percentage of installed capacity	0.60	0.65	0.70	0.75	0.80	0.85	0.85	0.85	
Sales/ Total Income									
Gross Domestic Sales	178.78	193.67	208.57	223.47	238.37	253.27	253.27	253.27	
Less: Excise Duty	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Net Domestic Sales	178.78	193.67	208.57	223.47	238.37	253.27	253.27	253.27	
Export Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Net Sales	178.78	193.67	208.57	223.47	238.37	253.27	253.27	253.27	
Other Operational Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Income	178.78	193.67	208.57	223.47	238.37	253.27	253.27	253.27	
COST OF PRODUCTION- SALES									
Raw material Consumed	54.00	59.40	65.34	71.87	79.06	86.97	91.32	95.88	
Consumables, Stores and spares (3% on sales)	5.36	5.81	6.26	6.70	7.15	7.60	7.60	7.60	

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.



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Power, Fuel and other utilities (Variable)	6.69	7.25	7.81	8.36	8.92	9.48	9.48	9.48
Power, Fuel and other utilities (Fixed)	2.87	4.14	4.46	4.78	5.10	5.42	5.42	5.42
Water	1.20	1.26	1.32	1.39	1.46	1.53	1.61	1.69
Factory salaries & Wages (variable)	34.35	34.35	34.35	34.35	34.35	34.35	34.35	34.35
Factory salaries & Wages (fixed)	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13
Repair and maintenance	1.79	1.94	2.09	2.23	2.38	2.53	2.53	2.53
Other Variable Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depreciation	19.15	19.15	19.15	19.15	19.15	19.15	19.15	19.15
Sub Total	129.53	137.42	144.90	152.97	161.70	171.15	175.58	180.22
Add: Opening Stock in process	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less: Closing stock in process	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COST OF PRODUCTION	129.53	137.42	144.90	152.97	161.70	171.15	175.58	180.22
Add: Opening stock of finished goods	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less: Closing stock of finished goods	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cost of sales	129.53	137.42	144.90	152.97	161.70	171.15	175.58	180.22
Selling Packing & Distribution Expenses	1.79	1.94	2.09	2.23	2.38	2.53	2.53	2.53
Administrative & Misc. Expenses	1.79	1.94	2.09	2.23	2.38	2.53	2.53	2.53
Sub Total	133.11	141.30	149.07	157.44	166.47	176.22	180.64	185.29
Profit Before Interest and Tax (PBIT)	45.67	52.38	59.50	66.03	71.90	77.05	72.63	67.98
Interest on Bank Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interest on unsecured loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interest on bank borrowing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Operating Profit	45.67	52.38	59.50	66.03	71.90	77.05	72.63	67.98
Preliminary expenses written off	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Non Operational Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit Before Tax (PBT)	45.67	52.38	59.50	66.03	71.90	77.05	72.63	67.98
Provision for taxation	1.49	6.34	10.40	14.58	18.25	21.07	20.94	20.43
Profit After Tax	44.18	46.03	49.10	51.45	53.65	55.98	51.68	47.54



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ANNEXURE – VII

PROJECTED CASH FLOW STATEMENT

										(Rs. Lac)
DETAILS	Const. Period	2021	2022	2023	2024	2025	2026	2027	2028	2029
A. SOURCES OF FUNDS										
1. PBT with interest added back	0.00	45.67	52.38	59.50	66.03	71.90	77.05	72.63	67.98	63.00
2. Add Depreciation										
other non cash expenses	0.00	19.15	19.15	19.15	19.15	19.15	19.15	19.15	19.15	19.15
3. Increase in Equity Share Capital	46.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Increase in term loan	0.00									
4. Increase in Subsidy	440	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Increase in current liabilities		36.71	2.99	2.93	2.98	3.04	3.10	1.37	1.39	1.39
TOTAL SOURCES	486.83	101.53	74.52	81.59	88.16	94.09	99.30	93.15	88.52	83.00
B. DISPOSITION OF FUNDS										
1. Increase in capital expenditure	426.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Preliminary & Pre op expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Increase in Current Assets		44.69	3.72	3.72	3.72	3.72	3.72	0.00	0.00	0.00
4. Repayments of Term Loans		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Taxation	0.00	1.49	6.34	10.40	14.58	18.25	21.07	20.94	20.43	20.43
TOTAL APPLICATION	426.93	46.18	10.07	14.12	18.30	21.97	24.80	20.94	20.43	20.43
C. NET SURPLUS/ DEFICIT	59.90	55.35	64.45	67.46	69.86	72.12	74.50	72.20	68.08	63.00
D. ADD : OPENING CASH BALANCE	0.00	59.90	115.24	179.69	247.16	317.02	389.14	463.64	535.84	603.93
E. CLOSING CASH BALANCE	59.90	115.24	179.69	247.16	317.02	389.14	463.64	535.84	603.93	667.00

ANNEXURE - VIII

PROJECTED BALANCE SHEET



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DETAILS	Const. Period	2021	2022	2023	2024	2025	2026	2027	2028
LIABILITIES									
1. Share Capital	46.36	46.36	46.36	46.36	46.36	46.36	46.36	46.36	46.36
2. Reserves & Surplus	0.00	44.18	90.21	139.32	190.77	244.42	300.40	352.08	399.62
3. subsidy (Central +State)	440.46	440.46	440.46	440.46	440.46	440.46	440.46	440.46	440.46
4. Term Loans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Working Capital		36.71	39.70	42.63	45.62	48.66	51.76	53.13	54.51
5 Current Liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL LIABILITIES	486.83	567.72	616.74	668.78	723.21	779.90	838.98	892.03	940.96
ASSETS									
1. Gross Fixed Assets	426.93	426.93	426.93	426.93	426.93	426.93	426.93	426.93	426.93
2. Less : Accm.dpreciation	0.00	19.15	38.30	57.45	76.60	95.76	114.91	134.06	153.21
3. Net Fixed Assets	426.93	407.78	388.63	369.48	350.33	331.18	312.03	292.87	273.72
4. Current Assets	0.00	44.69	48.42	52.14	55.87	59.59	63.32	63.32	63.32
5. Cash & Bank Balance	59.90	115.24	179.69	247.16	317.02	389.14	463.64	535.84	603.93
6. Prelim. expenses not w/o	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL ASSETS	486.83	567.72	616.74	668.78	723.21	779.90	838.98	892.03	940.96

ANNEXURE – IX									
CALCULATION OF MARGIN FOR WORKING CAPITAL & ASSESSMENT OF WORKING CAPITAL									
As per Nayak Committee method (If working capital is up to Rs. 5 crore)									
Particulars	2021	2022	2023	2024	2025	2026	2027	2028	2029
Gross Sales (Incl. job income)	178.78	193.67	208.57	223.47	238.37	253.27	253.27	253.27	253.27
Total working capital requirement (25% of gross sales)	44.69	48.42	52.14	55.87	59.59	63.32	63.32	63.32	63.32
Margin money for working capital (5% of gross sales)	8.94	9.68	10.43	11.17	11.92	12.66	12.66	12.66	12.66
Permissible bank borrowing (20% of gross sales)	35.76	38.73	41.71	44.69	47.67	50.65	50.65	50.65	50.65



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As per second method of lending									
Particulars	No. of months	2021	2022	2023	2024	2025	2026	2027	2028
Current Assets									
1. Raw materials	2.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00
2. Consumables, Stores and spares	1.00	0.45	0.48	0.52	0.56	0.60	0.63	0.63	0.63
3. Stock in process (Month's cost of production)	0.25	2.70	2.86	3.02	3.19	3.37	3.57	3.66	3.66
4. Finished Goods (Months cost of sales)	1.00	10.79	11.45	12.07	12.75	13.47	14.26	14.63	14.63
5. Export's receivables	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Receivables other than exports	1.00	14.90	16.14	17.38	18.62	19.86	21.11	21.11	21.11
Total Current Assets (A)		37.84	40.94	44.00	47.12	50.30	53.57	55.03	55.03
Current Liabilities									
1. Creditors for purchases	0.25	1.13	1.24	1.36	1.50	1.65	1.81	1.90	1.90
		0.00							
Total Current Liabilities (B)		1.13	1.24	1.36	1.50	1.65	1.81	1.90	1.90
Working Capital Gap (A-B)									
		36.71	39.70	42.63	45.62	48.66	51.76	53.13	53.13
Less : Bank Borrowing for working capital		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Margin money for working capital									
		36.71	39.70	42.63	45.62	48.66	51.76	53.13	53.13



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ANNEXURE – X					
ESTIMATION OF DEPRECIATION					
a) Apportionment of Pre-operatives					(Rs. Lacs)
Particulars	Actual	Conti-	Pre-Ope-	Detailed	Total
	Cost	gencies	ratives	Engg.Ser	Cost
1. Buildings	80.00	0.00	0.00	0.00	80.00
2. Plant and Machinery	346.93	0.00	0.00	0.00	346.93
3. Misc. Fixed Assets	0.00	0.00	0.00	0.00	0.00
Total	426.93	0.00	0.00	0.00	426.93
b) Estimation of Depreciation - St. Line basis					
Particulars	Total	Deprn.	Amount		
	Cost	Rate (%)			
1. Land	0.00	0.00	0.00		
2. Buildings	80.00	3.34	2.67		
3. Plant and Machinery	346.93	4.75	16.48		
4. Misc. Fixed Assets	0.00	6.33	0.00		
Total	426.93		19.15		



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ANNEXURE – XI									
COMPUTATION OF TAXATION									
Details	2021	2022	2023	2024	2025	2026	2027	2028	
1. Profit Before Tax	45.67	52.38	59.50	66.03	71.90	77.05	72.63	67.98	
2. Add: St. Line Depreciation	19.15	19.15	19.15	19.15	19.15	19.15	19.15	19.15	
3. Less: WDV Depreciation	60.00	51.00	45.00	38.00	32.00	28.00	24.00	21.00	
4. Gross Taxable Income	4.82	20.53	33.65	47.18	59.05	68.20	67.78	66.13	
5. Carry forward loss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6. Net Taxable Income	4.82	20.53	33.65	47.18	59.05	68.20	67.78	66.13	
7. Income Tax @ 30%	1.44	6.16	10.10	14.15	17.72	20.46	20.33	19.84	
8. Surcharge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9. Total income tax (including surcharge)	1.44	6.16	10.10	14.15	17.72	20.46	20.33	19.84	
10. Education Cess @ 3%	0.04	0.18	0.30	0.42	0.53	0.61	0.61	0.60	
11. Total income tax (Incl. surcharge & Education Cess)	1.49	6.34	10.40	14.58	18.25	21.07	20.94	20.43	

ANNEXURE – XII								
CALCULATION OF INTERNAL RATE OF RETURN & NPV								
IRR before tax	Const. Period	2021	2022	2023	2024	2025	2026	2027



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Out Flows								
Capital Investment	-463.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in WC Gap		36.71	2.99	2.93	2.98	3.04	3.10	1.37
Total outflows	-463.64	36.71	2.99	2.93	2.98	3.04	3.10	1.37
Inflows								
Profit before tax	0.00	45.67	52.38	59.50	66.03	71.90	77.05	72.63
Add Depreciation and non cash expenses	0.00	19.15	19.15	19.15	19.15	19.15	19.15	19.15
Add: Preliminary &Preop Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Add : Interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Add : Salvage Value	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Inflows	0.00	64.82	71.53	78.65	85.18	91.05	96.20	91.78
Net cash flows	-463.64	28.10	68.54	75.72	82.20	88.01	93.10	90.41
NPV before tax(Rs. in lakhs)	102.08		Discount Rate taken =		7.00%			
Before - Tax IRR	11.07%							
IRR after tax								(Rs.in
	Const. Period	2021	2022	2023	2024	2025	2026	2027
Out Flows								
Capital Investment	-463.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in WC Gap		36.71	2.99	2.93	2.98	3.04	3.10	1.37
Total outflows	-463.64	36.71	2.99	2.93	2.98	3.04	3.10	1.37
Inflows								
Profit after tax	0.00	44.18	46.03	49.10	51.45	53.65	55.98	51.68
Add Depreciation and non cash expenses	0.00	19.15	19.15	19.15	19.15	19.15	19.15	19.15
Add: Preliminary &Preop Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Add : Interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Add: Salvage Value	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Total Inflows	0.00	63.33	65.19	68.25	70.60	72.81	75.13	70.83
Net cash flows	-463.64	26.62	62.20	65.32	67.62	69.77	72.03	69.46
NPV after tax(Rs. in lakhs)	9.31		Discount Rate taken =		7.00%			
Post - Tax IRR	7.40%							

ANNEXURE – XIII									
BREAK EVEN POINT (Installed Capacity)									
DETAILS	2021	2022	2023	2024	2025	2026	2027	2028	2029
Production Capacity Utilization	60.00%	65.00%	70.00%	75.00%	80.00%	85.00%	85.00%	85.00%	85.00%
A. Variable Expenses									
1. Raw material consumed	54.00	59.40	65.34	71.87	79.06	86.97	91.32	95.88	100.00
2. Consumable Spares	5.36	5.81	6.26	6.70	7.15	7.60	7.60	7.60	7.60
3. Power, Fuel & other utilities (Variable Cost)	6.69	7.25	7.81	8.36	8.92	9.48	9.48	9.48	9.48
4. Factory Salaries & Wages (Variable)	34.35	34.35	34.35	34.35	34.35	34.35	34.35	34.35	34.35
5. Other variable expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Selling, Packaging & distribution expenses (Variable)	1.79	1.94	2.09	2.23	2.38	2.53	2.53	2.53	2.53
7. Interest on bank borrowing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Variable Cost	102.19	108.75	115.84	123.53	131.87	140.93	145.27	149.84	154.46
B.Fixed Expenses									
1. Power, Fuel & other utilities (Fixed)	2.87	4.14	4.46	4.78	5.10	5.42	5.42	5.42	5.42

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.



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Cost)									
2. Factory Salaries & Wages (fixed)	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	
3. Repairs & Maintenance	1.79	1.94	2.09	2.23	2.38	2.53	2.53	2.53	
4. Depreciation	19.15	19.15	19.15	19.15	19.15	19.15	19.15	19.15	
5. Administrative & Misc. Expenses	1.79	1.94	2.09	2.23	2.38	2.53	2.53	2.53	
6. Interest on term loans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7. Interest on unsecured loans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8. Lease rentals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sub Total	29.72	31.29	31.91	32.52	33.14	33.76	33.76	33.76	
C.Sales	178.78	193.67	208.57	223.47	238.37	253.27	253.27	253.27	253.27
D.Contribution	76.58	84.93	92.73	99.94	106.50	112.34	107.99	103.43	99.94
E.Break Even Point (B/D)	38.80%	36.84%	34.41%	32.54%	31.12%	30.05%	31.26%	32.64%	34.41%
F.Cash Break Even	13.80%	14.29%	13.76%	13.38%	13.14%	13.00%	13.53%	14.12%	14.29%
G.BREAK EVEN SALES	69.37	71.36	71.77	72.72	74.18	76.11	79.17	82.67	84.13



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ANNEXURE – XIV								
RETURN ON CAPITAL EMPLOYED								
	2021	2022	2023	2024	2025	2026	2027	2028
Return								
Operating Profit	45.67	52.38	59.50	66.03	71.90	77.05	72.63	67.9
Interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Lease Rentals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Total A	45.67	52.38	59.50	66.03	71.90	77.05	72.63	67.9
Net Fixed Assets	426.93	407.78	388.63	369.48	350.33	331.18	312.03	292.8
Current Assets less creditors	2.99	2.93	2.98	3.04	3.10	1.37	1.39	1.4
Total B	429.92	410.72	391.61	372.52	353.43	332.55	313.41	294.2
ROCE	10.62	12.75	15.19	17.73	20.34	23.17	23.17	23.1
ROCE for Optimal Year	17.73							
Average ROCE for 10 Years	19.18							



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Valid from 02/06/2010 18:13:00 To 11 Date

ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್ (RTI) ಫಾರಂ ನಂ.01

ಇದರ ಸಂಖ್ಯೆ: 2
ಇದರ ಸಂಖ್ಯೆ: 128

1. ವರ್ಷ ಮತ್ತು ಸಂಖ್ಯೆ	2. ಒಳಗಿನ ವಿವರ	3. ವಿಸ್ತಾರ ಮತ್ತು ಮೊತ್ತ	4. ಉದ್ದೇಶ	5. ಮಾರ್ಗದರ್ಶಿ	6. ಮಾರ್ಗದರ್ಶಿ		7. ಮಾರ್ಗದರ್ಶಿ	8. ವಿಸ್ತಾರ ಮತ್ತು ಮೊತ್ತ	9. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	10. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	11. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ
					ಅಂಶ	ಮೊತ್ತ					
1. ವರ್ಷ ಮತ್ತು ಸಂಖ್ಯೆ	2. ಒಳಗಿನ ವಿವರ	3. ವಿಸ್ತಾರ ಮತ್ತು ಮೊತ್ತ	4. ಉದ್ದೇಶ	5. ಮಾರ್ಗದರ್ಶಿ	6. ಮಾರ್ಗದರ್ಶಿ	7. ಮಾರ್ಗದರ್ಶಿ	8. ವಿಸ್ತಾರ ಮತ್ತು ಮೊತ್ತ	9. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	10. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	11. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	
40	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	2,05,00,000	(ಅ) ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	2.13	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	2,05,00,000	45	MR 9/2008-2009 ಕ್ರಮ 13/04/2009	MR 9/2009-2010 MR 8/2006-2007	MR 9/2009-2010 MR 8/2006-2007
2. ಒಳಗಿನ ವಿವರ	1	2,05,00,000	(ಅ) ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	2.13	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	2,05,00,000	45	MR 9/2008-2009 ಕ್ರಮ 13/04/2009	MR 9/2009-2010 MR 8/2006-2007	MR 9/2009-2010 MR 8/2006-2007
5. ಮಾರ್ಗದರ್ಶಿ	7. ಮಾರ್ಗದರ್ಶಿ	8. ವಿಸ್ತಾರ ಮತ್ತು ಮೊತ್ತ	9. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	10. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	11. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	12. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	13. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	14. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	15. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	16. ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	
ವರ್ಷ ಮತ್ತು ಸಂಖ್ಯೆ	ವಿಸ್ತಾರ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	
2017-2018	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	2,05,00,000	(ಅ) ಉದ್ದೇಶ ಮತ್ತು ಮೊತ್ತ	2.13	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	ಫೈನಾನ್ಸಿಯಲ್ ಸ್ಟೇಟಮೆಂಟ್	2,05,00,000	45	MR 9/2008-2009 ಕ್ರಮ 13/04/2009	MR 9/2009-2010 MR 8/2006-2007	MR 9/2009-2010 MR 8/2006-2007



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ನಂ.ಎಎಲ್‌ಎನ್(ಎಂಜಿ)ಸಿಆರ್/ 63 /07-08

ಜಿಲ್ಲಾಧಿಕಾರಿಯವರ ಕಛೇರಿ,
ತುಮಕೂರು ಜಿಲ್ಲೆ,
ತುಮಕೂರು, ದಿನಾಂಕ 29-03-2008.

ಅನುಬಂಧ-10 ಅಧಿಕೃತ ಜ್ಞಾಪನೆ

ವಿಷಯ : ತುಮಕೂರು ಜಿಲ್ಲೆ ಕೊರಟಗೆರೆ ತಾಲೂಕು ಚನ್ನರಾಯನದುರ್ಗ ಹೋಬಳಿ ಗೌರಿಕಲ್ಲು ಗ್ರಾಮದ ಸ.ನಂ. 40/1 ರಲ್ಲಿ 1-35 ಎಕರೆ/ ಗುಂಟೆ ವಿಸ್ತೀರ್ಣವನ್ನು ಕೈಗಾರಿಕಾ ಉದ್ದೇಶಕ್ಕಾಗಿ ಶ್ರೀ.ಮಲ್ಲಯ್ಯ ಬಿನ್ ರಾಮಯ್ಯರವರು ಭೂ ಪರಿವರ್ತನೆ ಮಂಜೂರು ಮಾಡಲು ಕೋರಿ ಸಲ್ಲಿಸಿರುವ ಅರ್ಜಿ ದಿನಾಂಕ 30.09.2006, 27.11.2007..

- ಲೇಖ : 1.ತಹಸೀಲ್ದಾರ್, ಕೊರಟಗೆರೆ ತಾಲೂಕುವವರ ವರದಿ ಸಂಖ್ಯೆ ಎಎಲ್‌ಎನ್ : ಸಿಆರ್ 4/06.07 ದಿ: 19.10.2006.
2. ಭೂಪರಿವರ್ತನಾ ಶುಲ್ಕ ವಿನಾಯ್ತಿ , ಪೋಡಿ ಶುಲ್ಕ ರೂ. 55-00 ಒಟ್ಟು ರೂ. 55-00 ಗಳನ್ನು ಡಿಡಿ/ಚೆಲನ್ ನಂ. 8 ದಿ : 13-03-2008 ರಂದು ಖಜಾನೆಗೆ ಅರ್ಜಿದಾರರು ಜಮಾ ಮಾಡಿರುತ್ತಾರೆ.
3. ಏಕೆಗವಾಕ್ಸಿ ಸಮಿತಿಯ ನಡವಳಿಕೆಗಳ ದಿನಾಂಕ 08.12.2006.

<>000<>

ಶ್ರೀ. ಮಲ್ಲಯ್ಯ ಇವರು ಕೊರಟಗೆರೆ ತಾಲೂಕು, ಚನ್ನರಾಯನದುರ್ಗ ಹೋಬಳಿ, ಗೌರಿಕಲ್ಲು ಗ್ರಾಮದ ಸ.ನಂ. 40/1 ರಲ್ಲಿನ 2-05 ಎಕರೆ/ ಗುಂಟೆ ವಿಸ್ತೀರ್ಣದ ವೈಕಿ 1-35 ಎಕರೆ ಗುಂಟೆ ಪೂರ್ಣ ವಿಸ್ತೀರ್ಣದ ಜಮೀನನ್ನು ಜಮೀನನ್ನು ಕೈಗಾರಿಕಾ ಉದ್ದೇಶಕ್ಕಾಗಿ ಭೂ ಪರಿವರ್ತನೆ ಕೋರಿ 30.09.2006/27.11.2007 ದಿನಾಂಕದಂದು ಅರ್ಜಿ ಸಲ್ಲಿಸಿರುವರು. ಸದರಿ ಅರ್ಜಿದಾರರು ಅರ್ಜಿ ಶುಲ್ಕ, ಭೂಪರಿವರ್ತನಾ ಶುಲ್ಕ ಹಾಗೂ ಇತರೆ ಶುಲ್ಕಗಳನ್ನು ಸಂದಾಯ ಮಾಡಿರುವರು.

ಸದರಿಯವರ ಕೋರಿಕೆಯನ್ನು ಕರ್ನಾಟಕ ಭೂ ಕಂದಾಯ ಅಧಿನಿಯಮ 1964 ರ ತಲಂ 95 ರ ಮತ್ತು ಆದರಡಿ ಉಪಬಂಧಗಳನ್ನು ಓದಲಾದ ಕರ್ನಾಟಕ ಮುನ್ಸಿಪಾಲಿಟಿ ಕಾಯ್ದೆ/ ಕಾರ್ಪೊರೇಷನ್ ಕಾಯ್ದೆ/ ಪಂಚಾಯತಿ ಕಾಯ್ದೆಯಲ್ಲಿನ ಹಾಗೂ ಕರ್ನಾಟಕ ಕಂಟ್ರಿ ಟೌನ್ ಪ್ಲಾನಿಂಗ್ ಕಾಯ್ದೆಯಲ್ಲಿನ ಅವಕಾಶಗಳನ್ನು ಅನುಸರಿಸಿ ಪರಿಶೀಲಿಸಲಾಗಿದೆ. ಅರ್ಜಿದಾರರು ಲಭ್ಯಪಡಿಸಿದ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ಪರಿಶೀಲನೆಗೆ ಒಳಪಡಿಸಿ ಸಂಬಂಧಿತ ಕಾಯ್ದೆ ನಿಯಮಗಳಲ್ಲಿನ ಎಲ್ಲ ಸಂಬಂಧಿತ ಷರತ್ತುಗಳನ್ನು ಪೂರೈಸಿರುವ ಬಗ್ಗೆ ಏಕೆಗವಾಕ್ಸಿ ಸಮಿತಿಯವರು ಮೇಲ್ಕಂಡ ಕಾಯ್ದೆ ಮತ್ತು ನಿಯಮಗಳಲ್ಲಿನ ಷರತ್ತುಗಳನ್ನು ಪಾಲಿಸಿರುವ ಬಗ್ಗೆ ಮನದಟ್ಟು ಮಾಡಿಕೊಂಡಿರುವರು.

ಅರ್ಜಿದಾರರು ಪ್ರಾಧಿಕೃತ ಅಧಿಕಾರಿಯವರಿಂದ ಅನುಮೋದಿತ ಬಡಾವಣೆ ಯೋಜನೆ ಮತ್ತು ನಕ್ಷೆಯನ್ನು ಸಹ ಸಲ್ಲಿಸಿರುವರು. ಏಕೆಗವಾಕ್ಸಿ ಸಮಿತಿಯು ಅರ್ಜಿದಾರರು ಅಗತ್ಯ ಕ್ರಮ ಕೈಗೊಂಡಿರುವ ಬಗ್ಗೆ ತೃಪ್ತಿ ಹೊಂದಿದ್ದು, ಶ್ರೀ. ಮಲ್ಲಯ್ಯ ಬಿನ್ ರಾಮಯ್ಯ ಇವರಿಗೆ ಕೊರಟಗೆರೆ ತಾಲೂಕು ಚನ್ನರಾಯನದುರ್ಗ ಹೋಬಳಿ ಗೌರಿಕಲ್ಲು ಗ್ರಾಮದ ಸರ್ವೆ ನಂ. 40/1 ರಲ್ಲಿ 1-35 ಎಕರೆ/ಗುಂಟೆ ವಿಸ್ತೀರ್ಣದ ಜಮೀನನ್ನು ಈ ಕೆಳಕಂಡ ಷರತ್ತುಗಳಿಗೆ ಒಳಪಡಿಸಿ ಕೈಗಾರಿಕಾ ಉದ್ದೇಶಕ್ಕೆ ಭೂ ಪರಿವರ್ತನೆ ನೀಡಲಾಗಿದೆ.

(2)



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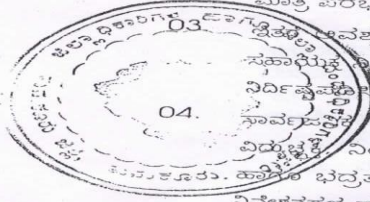
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-02-

01. ಭೂ ಪರಿವರ್ತನಾ ಜಮೀನನ್ನು ಕೈಗಾರಿಕಾ (ಜಲ್ಲಿ ತಯಾರಿಕೆ) ಉದ್ದೇಶಕ್ಕಾಗಿ ಮಾತ್ರ ಉಪಯೋಗಿಸಿ ಕೊಳ್ಳತಕ್ಕದ್ದು. ಈ ಜಮೀನನ್ನು ಪೂರ್ವಾ ಅನುಮತಿ ಇಲ್ಲದೇ ಬೇರೆ ಉದ್ದೇಶಕ್ಕಾಗಿ ಉಪಯೋಗಿಸಿಕೊಳ್ಳಬಾರದು.
02. ಈ ಜಮೀನಿನಲ್ಲಿ ಅನುಮೋದನೆಗೊಂಡ ನಕ್ಷೆಗೆ ಅನುಗುಣವಾಗಿ ಕಟ್ಟಡಗಳನ್ನು ಕಟ್ಟುವುದು ಮತ್ತು ಸದರಿ ಜಮೀನಿನಲ್ಲಿ ಲೀ ಔಟ್ ಪ್ರಾನ್ರಿಗೆ ಅನುಮೋದನೆ ಪಡೆದಿರುವಂತೆ ನಿಗದಿಪಡಿಸಿದ ಗಾತ್ರದ ನಿವೇಶನಗಳನ್ನು ಮಾತ್ರ ಪರಿಭಾರ ಮಾಡತಕ್ಕದ್ದು.



03. ಈ ಜಮೀನಿನಲ್ಲಿ ನಿರ್ಮಿಸುವುದಾದ ರಸ್ತೆ ಜಾಗ, ರಸ್ತೆ ಮಾರ್ಚ್, ಖಾಲಿ ಜಾಗ ಇತ್ಯಾದಿಗಳನ್ನು ನಗರ ಯೋಜನಾ ಸಹಾಯಕ ನಿರ್ದೇಶಕರು, ತುಮಕೂರುರವರಿಂದ ಅನುಮೋದಿಸಲ್ಪಟ್ಟ ಬಡಾವಣೆ ನಕ್ಷೆ ಪ್ರಕಾರ ಹಾಗೂ ನಿರ್ದಿಷ್ಟವಾಗಿ ದ್ರವಿಯಮಗಳ ರೀತ್ಯಾ ಸದರಿ ಉದ್ದೇಶಕ್ಕಾಗಿ ಕಾಯ್ದಿರಿಸತಕ್ಕದ್ದು.
04. ಸರ್ಕಾರದ ಹಿತದೃಷ್ಟಿಯಿಂದ ಸದರಿ ಜಮೀನಿನಲ್ಲಿ ನಿವೇಶನದಾರರಿಗೆ ನಾಗರಿಕ ಸೌಲಭ್ಯಗಳಾದ ವಿದ್ಯುಚ್ಛಕ್ತಿ ನೀರು ಸರಬರಾಜು, ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆ ಇತ್ಯಾದಿಗಳನ್ನು ಆರೋಗ್ಯ, ನೈರ್ಮಲೀಕರಣ ವಿಭಾಗದ ಅಧಿಕಾರಿಗಳ ಉದ್ದೇಶದಿಂದ ಎಲ್ಲಾ ಸೌಲಭ್ಯಗಳನ್ನು ಕಾನೂನು ರೀತ್ಯಾ ಒದಗಿಸಿದ ನಂತರವೇ ನಿವೇಶನಗಳ ಹಂಚಿಕೆ / ಪರಿಭಾರ ಮಾಡತಕ್ಕದ್ದು.
05. ಈ ಜಮೀನಿಗೆ ತಾಪು ಫೊಟ್ ಖರಾಬ್ ಜಮೀನು ಇದ್ದಲ್ಲಿ, ಕರ್ನಾಟಕ ಭೂ ಕಂದಾಯ ಕಾಯ್ದೆ 1964 ರ ಕಲಂ 67 ರಂತೆ ಸರ್ಕಾರದ ಉದ್ದೇಶಕ್ಕಾಗಿ ಕಾಯ್ದಿರಿಸತಕ್ಕದ್ದು. ಹಾಗೂ ಪ್ರಸ್ತುತ ಭೂ ಪರಿವರ್ತನೆಗೆ ಒಳಪಟ್ಟಿರುವ ಸ.ನಂ..... ರಲ್ಲಿನ ಎ ಖರಾಬ್ ವಿಸ್ತೀರ್ಣ..... ಕ್ಕೆ ಮಾರುಕಟ್ಟೆ ದರ ಮತ್ತು ಭೂ ಪರಿವರ್ತನೆ ಶುಲ್ಕ ರೂ..... ಪಾವತಿಸಿಕೊಳ್ಳಲಾಗಿದ್ದು..... ಉದ್ದೇಶಕ್ಕಾಗಿ ಬಳಸಲು ಭೂಪರಿವರ್ತನೆ ನೀಡಿದೆ. ಹಾಗೂ 0-04.03 ಗುಂಟೆ ವಿಸ್ತೀರ್ಣ "ಬಿ" ಖರಾಬಿನಲ್ಲಿ ಬರುವ ಹರಣ ಇದನ್ನು ಸಾರ್ವಜನಿಕ ಉದ್ದೇಶಕ್ಕಾಗಿ ಮೀಸಲಿರಿಸಲಾಗಿದೆ. ಈ ವಿಸ್ತೀರ್ಣದ ಮೇಲೆ ಅರ್ಜಿದಾರರಿಗೆ ಯಾವುದೇ ಹಕ್ಕು ಇರುವುದಿಲ್ಲ. ಈ " ಬಿ " ಖರಾಬಿನ ವಿಸ್ತೀರ್ಣದ ಹಕ್ಕು ಯಾವಾಗಲೂ ಸರ್ಕಾರಕ್ಕೆ ಸೇರಿರುತ್ತದೆ. ತಹಶೀಲ್ದಾರ್ ರವರು ಈ ಬಾಬು ಆರ್.ಟಿ.ಸಿ ಯಲ್ಲಿ ಸ್ಪಷ್ಟವಾಗಿ ನಮೂದಿಸತಕ್ಕದ್ದು.
06. ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯವರು ಶಾಸನಾತ್ಮಕವಾಗಿ ನಿರ್ಧರಿಸಿರುವಂತೆ ಈ ಜಮೀನಿನಲ್ಲಿ ಕಟ್ಟಲು ಉದ್ದೇಶಿಸಿರುವ ಕಟ್ಟಡವು ರಾಷ್ಟ್ರೀಯ ಹಾಗೂ ರಾಜ್ಯ ಹೆದ್ದಾರಿಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ರಸ್ತೆಯ ಮಧ್ಯಭಾಗದಿಂದ ನಿಗದಿಪಡಿಸಿದ ಅಂತರವನ್ನು ಮತ್ತು ಜಿಲ್ಲಾ ಹೆದ್ದಾರಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ರಸ್ತೆಯ ಮಧ್ಯಭಾಗದಿಂದ ನಿಗದಿಪಡಿಸಿದ ಅಂತರವನ್ನು ಕಾದಿರಿಸಬೇಕು ಹಾಗೂ ಈ ಖಾಲಿ ಪ್ರದೇಶದಲ್ಲಿ ಯಾವುದೇ ಕಟ್ಟಡವನ್ನು ಕಟ್ಟಬಾರದು.
07. ಈ ಭೂ ಪರಿವರ್ತನಾ ಜಮೀನಿನಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾಗುವ ಕೈಗಾರಿಕಾ ಘಟಕಗಳು ಹೊರದೂಡುವ ಹೊಗೆ, ಅನಿಲ ಇತರೆ ಕಲ್ಮಶಗಳನ್ನು ಪರಿಣಾಮಕಾರಿಯಾಗಿ ತಡೆಗಟ್ಟಿ ಸಾರ್ವಜನಿಕರ ಆರೋಗ್ಯಕ್ಕೆ ಯಾವುದೇ ರೀತಿಯ ಹಾನಿಯಾಗದಂತೆ ಹಾಗೂ ಪರಿಸರ ಮಾಲಿನ್ಯವಾಗದಂತೆ ನೋಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಕೈಗಾರಿಕಾ ಉದ್ದೇಶಕ್ಕಾಗಿ ಭೂ ಪರಿವರ್ತನಾ ಜಮೀನಿನಲ್ಲಿ ಸ್ಥಾಪಿಸುವ ಕೈಗಾರಿಕಾ ಘಟಕಗಳು ಕರ್ನಾಟಕ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ : ಪರಿಸರ ಇಲಾಖೆಗಳ ಅನುಮತಿ ಪಡೆದಿರುವ ರೀತ್ಯಾ ಅಥವಾ ಪರಿಶೋಧನೆ ಪೂರೈಸಿದ ನಂತರವೇ ಉಪಯೋಗಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು.

03)



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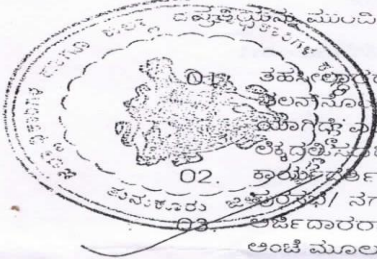
04

ಷೆಡ್ಯೂಲ್ ವಿವರ

ತುಮಕೂರು ಜಿಲ್ಲೆ ಕೊರಟಗೆರೆ ತಾಲೂಕು ಚನ್ನರಾಯನಕುರ್ಗ ಹೋಬಳಿ ಗೌರಿಕಲ್ಲು ಗ್ರಾಮದ ಸ.ನಂ. 40/1 ರಲ್ಲಿನ ಒಟ್ಟು 1-35 ಎಕರೆ/ಗುಂಟೆ ವಿಶ್ವೀರ್ಣಕ್ಕೆ ಭೂ ಪರಿವರ್ತಿತ ಜಮೀನಿಗೆ ಚಿಕ್ಕಬಂದಿ :

ಪೂರ್ವಕ್ಕೆ ::	ರಿ.ಸ.ನಂ. 42
ಪಶ್ಚಿಮಕ್ಕೆ ::	ರಿ.ಸ.ನಂ. 40/1ರ ಉಳಿಕೆ
ಉತ್ತರಕ್ಕೆ ::	ರಿ.ಸ.ನಂ. 36
ದಕ್ಷಿಣಕ್ಕೆ ::	ರಿ.ಸ.ನಂ. 35 ಮತ್ತು ರಿ.ಸ.ನಂ. 41

ಸಹಿ.
ಜಿಲ್ಲಾಧಿಕಾರಿ,
ತುಮಕೂರು ಜಿಲ್ಲೆ.



ಮುಂದಿನ ರೇಮಾರ್ಕ್ಸ್ ಕೆಳಕಂಡವರಿಗೆ ಕಳುಹಿಸಿದೆ :

01. ತಹಶೀಲ್ದಾರರು, ಕೊರಟಗೆರೆ ತಾಲೂಕು ರವರಿಗೆ ಮೂಲ ನಕ್ಷೆ, ಅನುಮೋದಿತ ಲೇ ಔಟ್ ಪ್ಲಾನ್ ಹಾಗೂ ಲೇಔಟ್‌ನೊಂದಿಗೆ ಕಳುಹಿಸುತ್ತಾ ಈ ಆದೇಶದ ಪ್ರಕಾರ ಸಂಬಂಧಪಟ್ಟ ಸರ್ವೆ ನಂಬರು ಭೂಪರಿವರ್ತನೆ ಯೋಜನೆ ಎಂದು ಸಂಬಂಧಪಟ್ಟ ಆರ್‌ಟಿಸಿಯಲ್ಲಿ ನಮೂದಿಸತಕ್ಕದ್ದು ಮತ್ತು ಈ ಜಮೀನಿನ ಖಾತೆದಾರರ ಅಧಿಕಾರವು ಜಮೀನಿನ ಭೂ ಕಂದಾಯವನ್ನು ಕಡಿಮೆಗೊಳಿಸುವುದು.
02. ಕಾರ್ಯದರ್ಶಿ, ಬೂದಗವಿ ಗ್ರಾಮಪಂಚಾಯ್ತಿ, ಕೊರಟಗೆರೆ ತಾಲೂಕು (ಪ್ರಾಧಿಕಾರ/ ನಗರಪಾಲಿಕೆ/ ಪುನಃಕೂರು ಜಿಲ್ಲಾಧಿಕಾರಿ/ ನಗರಸಭೆ/ ಗ್ರಾಮ ಪಂಚಾಯತಿ)ಇವರಿಗೆ ಲೇ ಔಟ್ ಪ್ಲಾನ್‌ನೊಂದಿಗೆ ಕಳುಹಿಸಿದೆ.
03. ಅರ್ಜಿದಾರರಾದ ಶ್ರೀ. ಮಲ್ಲಯ್ಯ ಬಿನ್ ರಾಮಯ್ಯ, ಗೌರಿಕಲ್ಲು, ಕೊರಟಗೆರೆ ತಾಲೂಕುವರಿಗೆ ದೃಢೀಕೃತ ಅಂಚೆ ಮೂಲಕ .
04. ಹೆಚ್ಚಿನ ಪ್ರತಿ.

ಜಿಲ್ಲಾಧಿಕಾರಿಗಳ ಪರವಾಗಿ,
ತುಮಕೂರು ಜಿಲ್ಲೆ.



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ಲಲಿತ ರಾಮ್ ಕಾಯರ್ ಸೊಸೈಟಿ - ಗೌರಿಕಲ್ಯು.

ಸ.ನಂ.40/1, ಗೌರಿಕಲ್ಯು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.

ಇವರಿಗೆ,

ಸಂಘಗಳ ಜಿಲ್ಲಾ ನೋಂದಣಾಧಿಕಾರಿಗಳು,
ತುಮಕೂರು ಜಿಲ್ಲೆ, ತುಮಕೂರು.

ದಿನಾಂಕ: /07/2019

ಮಾನ್ಯರೇ,

ವಿಷಯ:- ಸಂಘವನ್ನು ನೋಂದಣಿ ಮಾಡುವ ಬಗ್ಗೆ.

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ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಲಲಿತ ರಾಮ್ ಕಾಯರ್ ಸೊಸೈಟಿ - ಗೌರಿಕಲ್ಯು. ಈ ಸಂಘದ ಆಡಳಿತ ಮಂಡಳಿಯ ಸದಸ್ಯರಾದ ನಾವು ಸ.ನಂ.40/1, ಗೌರಿಕಲ್ಯು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ. ಈ ಸ್ಥಳದಲ್ಲಿ ಸಂಘವನ್ನು ನೋಂದಣಿ ಮಾಡಲು ಉದ್ದೇಶಿಸಿದ್ದು. ಅದರನ್ವಯ ಸಂಘದ ಜ್ಞಾಪನಾ ಪತ್ರ ಹಾಗೂ ನಿಯಮ ಮತ್ತು ನಿಬಂಧನೆಗಳೊಂದಿಗೆ ಪ್ರಸ್ತಾವೆ ಸಲ್ಲಿಸಿದೆ. ಆದ್ದರಿಂದ, ಕರ್ನಾಟಕ ಸಂಘಗಳ ನೋಂದಣಿ ಅಧಿನಿಯಮ 1960 ರ ಪ್ರಕಾರ ನೋಂದಣಿ ಮಾಡಬೇಕೆಂದು ಈ ಮೂಲಕ ಕೋರಿದೆ.

ನಿಮ್ಮ ವಿಶ್ವಾಸಿ,

1.	ಎಂ.ಆರ್. ಸುರೇಶ್	M.R.S
2.	ಎಂ.ಡಿ. ರಾಮಕೃಷ್ಣಪ್ಪ	Ramakrishna
3.	ಎಂ.ಎಸ್. ಸೀತಾರಾಮ್	Seetharam
4.	ವಿಜಯ ಕುಮಾರ್	Vijaya Kumar
5.	ಆರ್. ಅಂಜನ್ ಕುಮಾರ್	Anjan Kumar, R
6.	ಎಂ. ಗೋವಿಂದರಾಜು	Govindaraju, M
7.	ಎನ್.ಎಲ್. ಚಂದ್ರಶೇಖರ	Chandrashekar, N.L

Seetharam



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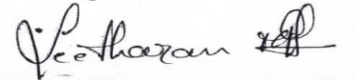
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ಲಲಿತ ರಾಮ್ ಕಾಯರ್ ಸೊಸೈಟಿ - ಗೌರಿಕಲ್ಲು.

ಸ.ನಂ.40/1, ಗೌರಿಕಲ್ಲು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.

ಜ್ಞಾಪನಾ ಪತ್ರ

1. ಸಂಘದ ಹೆಸರು :- ಲಲಿತ ರಾಮ್ ಕಾಯರ್ ಸೊಸೈಟಿ - ಗೌರಿಕಲ್ಲು.
2. ಸಂಘದ ವಿಳಾಸ :- ಸ.ನಂ.40/1, ಗೌರಿಕಲ್ಲು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.
3. ಸಂಘದ ಕಾರ್ಯವ್ಯಾಪ್ತಿ :- ತುಮಕೂರು ಜಿಲ್ಲೆ.
4. ಸಂಘದ ಉದ್ದೇಶಗಳು :-
 1. ತೆಂಗಿನ ನಾರು ಹಾಗೂ ತೆಂಗು ಆಧಾರಿತ ಉತ್ಪನ್ನಗಳ ವೈವಿಧ್ಯತೆ ಮತ್ತು ಮೌಲ್ಯ ವರ್ಧನೆಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು.
 2. ತೆಂಗು ಆಧಾರದ ಉತ್ಪಾದನೆ, ಸಂಗ್ರಹಣೆ, ಸಂಸ್ಕರಣೆ ಮತ್ತು ಮಾರಾಟಗಳಲ್ಲಿ ಇತ್ತೀಚಿನ ತಾಂತ್ರಿಕತೆಗಳಲ್ಲಿ ತಿಳಿಸುವುದು.
 3. ರಾಜ್ಯಕೃಷಿ ಇಲಾಖೆ ಮತ್ತು ರಾಜ್ಯ ಕೃಷಿ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಮತ್ತು ಕೇಂದ್ರೀಯ ಪ್ರಾಂಟೇಷನ್ ಬೆಳೆಗಳ ಸಂಶೋಧನಾ ಸಂಸ್ಥೆ ಮುಂತಾದ ಸಂಶೋಧನಾ ಸಂಸ್ಥೆಗಳು ರೂಪಿಸಿದ ಬೇಸಾಯಕ್ರಮಗಳನ್ನು ಅನುಸರಿಸಲು ನೆರವಾಗುವುದು.
 4. ಸಂಘದ ಸದಸ್ಯರಿಗೆ ಉತ್ತಮಗುಣ ಮಟ್ಟದ ಸಸಿಗಳನ್ನು ಒದಗಿಸುವಲ್ಲಿ ನೆರವಾಗುವುದು.
 5. ಬೇಸಾಯ ಸಾಮಗ್ರಿಗಳನ್ನು ಪರಿಕರಗಳನ್ನು, ಉಪಕರಣಗಳನ್ನು ಕಡಿಮೆ ಬೆಲೆಯಲ್ಲಿ ಸದಸ್ಯರಿಗೆ ಒದಗಿಸುವುದು.
 6. ತೆಂಗಿನ ನಾರಿನ ಹಾಗೂ ತೆಂಗು ಆಧಾರಿತ ಉತ್ಪಾದನೆಯ ಗುಣಮಟ್ಟವನ್ನು ಸುಧಾರಿಸುವಲ್ಲಿ ಮತ್ತು ಪ್ರಾಥಮಿಕ ಹಂತದಲ್ಲಿನ ಸಂಸ್ಕರಣೆಗೆ ಪ್ರೋತ್ಸಾಹ ನೀಡುವುದು.
 7. ಸಂಘದ ಸದಸ್ಯರಿಗೆ ಉತ್ಪನ್ನಗಳನ್ನು ಶೇಖರಿಸಿ, ಒಟ್ಟಾಗಿ ಮಾರಾಟ ಮಾಡುವುದು.
 8. ತೆಂಗು ಆಧಾರಿತ ಉತ್ಪನ್ನಗಳ ವೈವಿಧ್ಯತೆ ಮತ್ತು ಮೌಲ್ಯ ವರ್ಧನೆಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದು.
 9. ಕೊಬ್ಬರಿ ಮಾಡಲು ತೆಂಗಿನ ಕಾಯಿಗಳನ್ನು ಸಂಗ್ರಹಿಸಿ ತಂದು, ಸರಿಯಾದ ಬೆಲೆ ಹಾಗೂ ಸದಸ್ಯರಿಗೆ ಕನಿಷ್ಠ ಬೆಂಬಲ ಬೆಲೆ ಸಿಗುವಂತೆ ಮಾಡುವುದು.
 10. ಸಂಘದ ಸದಸ್ಯರಿಗೆ ಉತ್ತಮ ಗುಣಗಳು ಇರುವ ಕಾಯಿಮರಗಳನ್ನು ಗುರುತಿಸಲು ನೆರವಾಗುವುದು.
 11. ತೆಂಗಿನ ಮರಗಳ ಗೆಳೆಯರಿಗೆ ತರಬೇತಿಯನ್ನು ಒದಗಿಸಿ ಅವರ ಸೇವೆಯನ್ನು ಸಂಘದ ಸದಸ್ಯರಿಗೆ ಒದಗಿಸುವುದು.
 12. ಸಂಘದ ಸದಸ್ಯರಿಗೆ ತೆಂಗಿನ ಬೇಸಾಯ ಕ್ರಮಗಳ ಪೂರ್ಣ ಮಾಹಿತಿಯನ್ನು ಮತ್ತು ಇತ್ತೀಚಿನ ತಾಂತ್ರಿಕತೆಗಳನ್ನು ಪೂರೈಸುವುದು.
 13. ತೆಂಗಿನ ಹಿಡುವಳಿಗಳಲ್ಲಿ ಸೂಕ್ತ ಅಂತರ ಬೆಳೆಗಳನ್ನು ಬೆಳೆಸಲು ಪ್ರೋತ್ಸಾಹಿಸುವುದು.
 14. ಸಂಘದ ಸದಸ್ಯರಿಗೆ ಉತ್ಪಾದನೆ ಮತ್ತು ಉತ್ಪಾದಕರುಗಳನ್ನು ಹೆಚ್ಚಿಸುವಲ್ಲಿ ಆಗಿಂದಾಗೆ ವಿಶ್ಲೇಷಿಸುವುದು.
 15. ಕಿಸಾನ್ ಕ್ರೆಡಿಟ್ ಕಾರ್ಡ್‌ಗಳ ಮೂಲಕ ಕೇಂದ್ರ ಹಾಗೂ ರಾಜ್ಯ ಸರ್ಕಾರಗಳ ಯೋಜನೆಗಳಲ್ಲಿನ ಸಾಲ ಸೌಲಭ್ಯಗಳನ್ನು ತೀರಾ ಕಡಿಮೆ ಬಡ್ಡಿಗೆ ಅಥವಾ ಬಡ್ಡಿ ಇಲ್ಲದೆ, ಸದಸ್ಯರಿಗೆ ಒದಗಿಸಿಕೊಡುವಲ್ಲಿ ನೆರವಾಗುವುದು.





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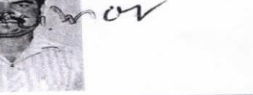


GSTIN: 33ABHFA1522D1Z7

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ಲಲಿತ ರಾಮ್ ಕಾಯರ್ ಸೊಸೈಟಿ - ಗೌರಿಕಲ್ಯು.

ಸ.ನಂ.40/1, ಗೌರಿಕಲ್ಯು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.

ಆಡಳಿತ ಮಂಡಳಿಯ ಸದಸ್ಯರ ಪಟ್ಟಿ

ಕ್ರ.ಸಂ	ಹೆಸರು ಮತ್ತು ವಿಳಾಸ ಶ್ರೀಮತಿ/ಶ್ರೀ	ವಯಸ್ಸು	ಪದನಾಮ	ವೃತ್ತಿ	ಸ.ನಂ.
1.	ಎಂ.ಆರ್. ಸುರೇಶ್., ಬಿನ್. ರಾಮಭಟ್, ನಂ.233, ಎನ್.ಮಲ್ಲಪ್ಪ ರೋಡ್, ಟೂಡಾ ಲೇಔಟ್, ಶಿರಾ ಗೇಟ್, ತುಮಕೂರು- 572106.	55	ಅಧ್ಯಕ್ಷರು	ಸಮಾಜ ಸೇವೆ	
2.	ಎಂ.ಡಿ. ರಾಮಕೃಷ್ಣಪ್ಪ, ಬಿನ್. ದೊಡ್ಡನರಸಪ್ಪ, ಮಲ್ಲೇಕಾವು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.	57	ಉಪಾಧ್ಯಕ್ಷರು	ಸಮಾಜ ಸೇವೆ	
3.	ಎಂ.ಎಸ್. ಸೀತಾರಾಮ್., ಬಿನ್. ಎಂ.ಆರ್. ಸುರೇಶ್, ನಂ.233, ಎನ್.ಮಲ್ಲಪ್ಪ ರೋಡ್, ಟೂಡಾ ಲೇಔಟ್, ಶಿರಾ ಗೇಟ್, ತುಮಕೂರು- 572106.	24	ಕಾರ್ಯದರ್ಶಿ	ಸಮಾಜ ಸೇವೆ	
4.	ವಿಜಯ ಕುಮಾರ್., ಕೋಂ. ಕೋಟಿಕಲ್ಲಪ್ಪ, ಹನುಮನಹಳ್ಳಿ, ಮುದ್ದಪ್ಪನಪಾಳ್ಯ ಅಂಚೆ, ದೊಡ್ಡೇರಿ ಹೋಬಳಿ, ಮಧುಗಿರಿ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.	37	ಖಜಾಂಚಿ	ಸಮಾಜ ಸೇವೆ	
5.	ಆರ್. ಅಂಜನ್ ಕುಮಾರ್, ಬಿನ್. ಎಂ.ಡಿ. ರಾಮಕೃಷ್ಣ, ಹೊಂಬಯ್ಯನಪಾಳ್ಯ, ಮಧುಗಿರಿ ರಸ್ತೆ, ಶಿರಾ ಗೇಟ್, ತುಮಕೂರು- 572106.	23	ನಿರ್ದೇಶಕರು	ಸಮಾಜ ಸೇವೆ	
6.	ಎಂ. ಗೋವಿಂದರಾಜು., ಬಿನ್. ನಾಗರಾಜು, ಮಲ್ಲೇಕಾವು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.	34	ನಿರ್ದೇಶಕರು	ಸಮಾಜ ಸೇವೆ	

Vee tharan



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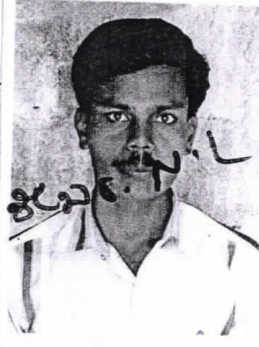
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7.	ಎನ್.ಎಲ್. ಚಂದ್ರಶೇಖರ., ಬಿನ್. ಲಕ್ಷ್ಮಣ, ನಂದಿಹಳ್ಳಿ, ಕಬ್ಬಿಗರೆ ಅಂಚೆ, ಕೋರ ಹೋಬಳಿ, ತುಮಕೂರು ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ.	26	ನಿರ್ದೇಶಕರು	ಸಮಾಜ ಸೇವೆ ಶ್ರಮ
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ಸಾಕ್ಷಿಗಳು :-

ಕ್ರಮ ಸಂಖ್ಯೆ	ಹೆಸರು ಮತ್ತು ವಿಳಾಸ ಶ್ರೀಮತಿ/ಶ್ರೀ	ವಯಸ್ಸು	ಉದ್ಯೋಗ	ಸಹಿ
1	ಶ್ರೀಮತಿ/ಶ್ರೀ ಸುಶೀಲಾ ಬಸವನಹಳ್ಳಿ post ಮಾಣಿಗರಿ ಅ ತುಮಕೂರು ಜಿಲ್ಲೆ	೨೮		Sajanna
2	ಶ್ರೀಮತಿ/ಶ್ರೀ ಸುಶೀಲಾ ಬಸವನಹಳ್ಳಿ post ಮಾಣಿಗರಿ ಅ ತುಮಕೂರು ಜಿಲ್ಲೆ	೨೮		Channasanna

Channasanna



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ನಿರಾಕ್ಷೇಪಣಾ ಪತ್ರ

ಶ್ರೀ. ಎಂ.ಆರ್. ಸುರೇಶ್, ಸ.ನಂ.40/1, ಗೌರಿಕಲ್ಲು, ಮಲ್ಲೇಕಾವು ಅಂಚೆ,
ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ. ಆದ ನಾನು
ದೃಢೀಕರಿಸುವುದೇನೆಂದರೆ, ನನ್ನ ಬಾಬು ಸ್ವತ್ತಿನಲ್ಲಿ ಕಟ್ಟಿಸಿದ ಒಂದು ರೂಂಅನ್ನು ಉದ್ದೇಶಿತ
ಲಲಿತ ರಾಮ್ ಕಾಯರ್ ಸೊಸೈಟಿ - ಗೌರಿಕಲ್ಲು, ಸ.ನಂ.40/1, ಗೌರಿಕಲ್ಲು, ಮಲ್ಲೇಕಾವು
ಅಂಚೆ, ಸಿ.ಎನ್.ದುರ್ಗ ಹೋಬಳಿ, ಕೊರಟಗೆರೆ ತಾಲ್ಲೂಕು, ತುಮಕೂರು ಜಿಲ್ಲೆ. ಈ ಸಂಘದ
ಕಛೇರಿಯನ್ನು ನಡೆಸಲು ನನ್ನಿಂದ ಯಾವುದೇ ರೀತಿಯ ಆಕ್ಷೇಪಣೆಗಳು ಇರುವುದಿಲ್ಲವೆಂದು
ಈ ಮೂಲಕ ದೃಢೀಕರಿಸಿದೆ.

ಸ್ವತ್ತಿನ ಮಾಲೀಕರು,

(ಎಂ.ಆರ್. ಸುರೇಶ್)



ADAM ENGINEERING

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9894985336,

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Email: adamengineers@gamil.com, adamengineering2007@gamil.com,

GSTIN: 33ABHFA1522D1Z7

REF: ADAM /Offer/57A/2019-20

Date: 25-06-2019

TO,

Mrs.Lalitha,

Gowrikallu,Mallekav Po

Koratagere, tk Tumkuru.

Sub: Introduction and offer for Advanced **Vertical Coir Grow Bag Machine**

Dear Sir,

We thank you for your enquiry, we introduce ourselves as manufacturers of **Coir Pith Block making Machines, Hydraulic Baling Presses, Cotton Baling Presses & Coir Fiber Baling Press(35kg, 120kg and 150kg) .**

[Advanced Type Coco Pith Block Making Machines.](#)

1. **Coco Peat Grow Bag Machines**
2. **5 KG Pith Block Making Machines**
3. **650Grams Briquetting Machines (Single and Double stroke)**
4. **Coco Peat Disk Machine.**
5. **Coir machines(Beater,Burster,Conveyor,screener,Destoner etc)**
6. **Fibre -Coir and husk balling Machines**

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We have full-fledged manufacturing unit situated at Singanalur, Coimbatore. We hope this would be the machine you are looking for to give you a maintenance free hydraulic system.

Should you require any other clarification please feel free to communicate to us
adamengineers@gmail.com . www.adambalepress.com www.coirbalepress.com
www.adamengineering.in

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.



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SCOPE OF SUPPLY:

The system we supply is self-contained with all motors and control panels **except for consumables like Hydraulic oil**. This has to be arranged at your cost to fill up the tank at the time of commissioning.

We supply the system in knocked down condition for assembling, installation and commissioning at your site. We will provide foundation drawing well in advance and the same will be executed by you at your cost.

Technical Specifications:

S.No	Description	Specifications
1.	Grow Bag Size	[1000 x 200 mm], [1000 x 180 mm] , [1000 x 150 mm] [Thickness – 40 mm]
2.	Grow Bag Weight	1.5 to 5 Kg (Approx.)
3.	Power	18.5 KW, 25HP, 440V AC 3 Ph
4.	Machine Weight	8.6 Tons (Approx.)

Electrical Systems:

1.	PLC	Siemens
2.	Switch Gears	Schneider or ABB
3.	Motor	25 HP, 415 V AC, 50 Hz, 1440 RPM



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Power Pack

1.	Hydraulic Pump	Yuken or Weljon
2.	Oil Tank Capacity	1000 Liters
3.	Motor	Siemens or Crompton Greaves
4.	a. Max. Operating Pressure b. Operating Pressure	180 Bar 130Bar.
5.	Prefill Valve	Yuken (Solenoid Valve)
6.	Cooling Systems	Water Cooling (Heat Exchanger)
7.	Valves	Solenoid Valve(Yuken)

Hydraulic Cylinders:

S.No	Cylinder	Tonnage	Stroke	Qty.
1.	Main Cylinder	140	750 mm	2 No's
3.	Box Cylinder	40	200 mm	2 No's
4.	Pilot Cylinder	30	800 mm	1 No



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PRICE SCHEDULE / SCOPE

S.No.	Description of Goods	Rate(USD)	Qty	Amount
1.	Semi –Automatic Special Type Coir(coco) Pith Grow Bag Machine 170-180 pieces/hr. Double Mould	21,00,000.00	1 No	21,00,000.00
		GST	18%	3,78,000.00
		Total		24,78,000.00

(Rupees: Twenty Four Laks Seventy Eight Thousand Only)

TERMS AND CONDITIONS

- ❖ **PRICE BASIS** : The price quoted is ex-works basis.
- ❖ **PAYMENT:**
 - 60% advance payment along with order and balance 40% against Performa Invoice before dispatch but after pre-delivery inspection of the system by your rep. at our plant in Coimbatore.
- ❖ **DELIVERY:**
 - 10 to 12 weeks from the date of receipt of technically and commercially clear order along with advance payment.



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❖ **FREIGHT:**

- Extra to your account. Customer should specify the mode of dispatch, name of the transporter clearly in order.

❖ **Materials for your Scope:**

Servo 68 Oil,

We will provide 2 engineers for your place at the time of erection,

Flight charges and boarding lodging food accommodation for your scope.

❖ **TRANSIT INSURANCE:**

- To be arranged by the customer. Dispatch particulars will be intimated.

❖ **.GUARANTEE:**

- 12 months from the date of supply against any manufacturing defects.

❖ **VALIDITY**

- This offer is valid up to 60 days from the date of this offer.
- We are sure, our offer is very much in line with your requirement and we look forward to receive your valuable order at the earliest.

Thanking you and assuring you of our best service at all times.

Yours faithfully,

Anbarasan J [Managing Partner]

For Adam Engineering

Mob: +91 97863 76872

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Email: adamengineers@gamil.com, adamengineering2007@gamil.com,

GSTIN: 33ABHFA1522D1Z7

REF: ADAM /58A/2019-20

Date: 25-06-2019

TO,

Mrs.Lalitha,

Gowrikallu,Mallekav Po

Koratagere, tk

Tumkuru.

Sub: Offer for **COCO PEAT 25KG HORIZONTAL BAGGER MACHINE-REG**

Dear Sir,

We thank you for your enquiry; we introduce ourselves as manufacturers of

**Hydraulic Baling Presses, Cotton Baling Presses, Coir Fiber Baling Press
(35kg, 120kg and 150kg) &Coir Pith Block making Machines.**

Special Type Coco Pith Block Making Machines.

1. **Coco Peat Grow Bag Machines**
2. **5 KG Pith Block Making Machines**
3. **650 gram Briquetting Machines (Single and Double stroke)**
4. **Coco Peat Disk Machine.**
5. **Coir Machineries etc...**

Mfrs.Hyd.pressures, Testing Equipments, Textile machinery & spares.

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We have full-fledged manufacturing unit situated at Singanallur, Coimbatore.
We hope this would be the machine you are looking for to give you a
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Mfrs.Hyd.pressures, Testing Equipments, Textile machinery & spares.

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Email: adamengineers@gamil.com, adamengineering2007@gamil.com,

GSTIN: 33ABHFA1522D1Z7

We are submitting our lowest Quotation for the following Machineries,

S.No	Description of Goods	Qty	Rate (Rs.)	Amount (Rs.)
1.	A)25KG HORIZONTAL BAGGER MACHINE	1SET	7,80,000/--	7,80,000/-
	B)HYDRAULIC POWER PACK-20HP			
		TAX	18%	1,40,400/-
			-----	-----
			TOTAL	9,20,400./-

[RUPEES Nine Lakhs Twenty Thousand and Four Hundred Only]

PRICE BASIS

: The price quoted is ex-works basis.

Mfrs.Hyd.pressures, Testing Equipments, Textile machinery & spares.

*Phone: 9843322396,
9786376872,
9894985336,*



ADAM ENGINEERING

304/D-2 R.R.NAIUDU INDUSTRIAL ESTATE, SINGANALLUR, COIMBATORE-641005

Email: adamengineers@gamil.com, adamengineering2007@gamil.com,

GSTIN: 33ABHFA1522D1Z7

PAYMENT:

50% advance payment along with order and balance 50% against Performa Invoice before dispatch but after pre-delivery inspection of the system by your rep. at our plant in Coimbatore.

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.

Phone: 9843322396,
9786376872,
9894985336,



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Email: adamengineers@gamil.com, adamengineering2007@gamil.com,

GSTIN: 33ABHFA1522D1Z7

Technical Specifications for 25KG-Bagger Machine

Sl. No	Description	Specification
1.	Size of bale	300 X 280 X750 in mm
2.	Bale weight	20 -25kgs
3.	Raw Materials density	80-100g.
4.	Material I/P Volume	120LX 2 Stroke (Approx.)

Sl. No	Description	Specification
5.	Compacting Ratio	3:1
6.	Pressing Capacity	25Tons
7.	Production	80-90 bale/hr
8.	Tank Capacity	650 L

TERMS AND CONDITIONS

DELIVERY:

- 6 to 8 weeks from the date of receipt of technically and commercially clear order along with advance payment.

FREIGHT:

- Extra to your account. Customer should specify the mode of dispatch, name of the transporter clearly in order.

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.

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GSTIN: 33ABHFA1522D1Z7

-
- At the time of erection our service engineer Charges for your scope.

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.

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9894985336,



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GSTIN: 33ABHFA1522D1Z7

TRANSIT INSURANCE:

- To be arranged by the customer. Dispatch particulars will be intimated.

GUARANTEE:

- 12 months from the date of supply against any manufacturing defects.

VALIDITY

- This offer is valid up to 60 days from the date of this offer.

We are sure, our offer is very much in line with your requirement and we look forward to receive your valuable order at the earliest.

Thanking you and assuring you of our best service at all times.

Yours faithfully,

Anbarasan J -Partner

For **Adam Engineering**

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.

(+91 97863 76872)

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.

Phone: 9843322396,
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9894985336,



304/D-2 R.R.NAIUDU INDUSTRIAL ESTATE, SINGANALLUR, COIMBATORE-641005

Email: adamengineers@gamil.com, adamengineering2007@gamil.com,

GSTIN: 33ABHFA1522D1Z7

Our Bank Details:

ADAM ENGINEERING

THE KARUR VYSYA BANK LIMITED

A/C:1739135000006422

IFSC NO:KVBL0001739

BRANCH:SINGANALLUR

COIMBATORE

Mfrs.Hyd.presses, Testing Equipments, Textile machinery & spares.



Jayalakshmi Industries

5/31, Kuttai. Thottam,
Chinnamadhampalayam,

Bilichi Post,
jai.velumayil@gmail.com Coimbatore-641 019,

Tamil Nadu, India. Cell: 9600944119,
E-mail: jai.velumayil@gmail.com

av.jayalakshmiindustries@gmail.com

[Mfrs. of Tyre, Plastic & All types of Biomass Pyrolysis and Charcoal Making Machines](#)

Quotation

Date: 17- 05-2019

To,

Dear Sir/Madam,

Here, we are enclosing our lowest quotation for coconut shell charcoal making and coir pith drying machine

S.No	Particulars	Qty	Price / Unit	Total
1.	10,000 kg/day coconut shell charcoal making machine	1 Unit	35,00,000.00	35,00,000.00
2.	Coconut shell crusher	1 No	2,25,000.00	2,25,000.00
3.	Coir pith drier and conveyer assembly	1 No	3,50,000.00	3,50,000.00
4.	20,000 liter oil tank	1 No	2,15,000.00	2,15,000.00
5.	Installation charges	1 Unit	3,00,000.00	3,00,000.00
Sum				45,90,000.00
GST 18%				8,26,200.00
Total				54,16,200.00

Amount in words: fifty four lakhs sixteen thousand and two hundred only

For Jayalakshmi Industries

A handwritten signature in blue ink, appearing to be 'A. R. S.', written in a cursive style with a horizontal line underneath.

(A Velu Mayil)

Authorized Signatory



Jayalakshmi Industries

5/31, Kuttai Thottam,
Chinnamadampalayam,

Bilichi Post,

Coimbatore-641 019,

Tamil Nadu, India. Call: 04200 44410

Mfrs. of Tyre, Plastic & All types of Biomass Pyrolysis and Charcoal Making Machines

Accessories:

COCONUT SHELL CHARCOAL MACHINE PART LIST

S.No.	Particulars
1.	Carbonization chamber
2.	Belt conveyor/ Bucket conveyor
3.	Cyclone
4.	Charcoal discharge unit
5.	Gas condenser
6.	Oil tank
7.	Air lock valves
8.	Air compressor
9.	Control panel
10.	Water cooler
11.	Air blower
12.	Chimney with scrubbing
13.	Gear motors
14.	Bucket elevator
15.	Shaker with water sprinkler

For Jayalakshmi Industries

A. D. S.



Jayalakshmi Industries

5/31, Kuttai Thottam,
Authorized Signatory
Chinnamadhapalayam,

Bilichi Post,

Coimbatore-641 019,

Tamil Nadu, India. Call: 04200 44410

Mfrs. of Tyre, Plastic & All types of Biomass Pyrolysis and Charcoal Making Machines



Jayalakshmi Industries

5/31, Kuttai Thottam,
Chinnamadhampalayam,

Bilichi Post,

Coimbatore-641 019,

Tamil Nadu, India. Call: 04200 44440

Mfrs. of Tyre, Plastic & All types of Biomass Pyrolysis and Charcoal Making Machines

Business Terms:

Price Basis : Price Quoted are Ex works at Coimbatore.

Taxes will be extra to Customer.

Payment : 60% Non refundable interest free advance along with purchase order,
Balance 25% against proforma invoice before dispatch and final
15% after Installation.

Guarantee : 1 Year against manufacturing defect.

Validity : Valid up to 30 days from the date of quote.

Delivery : 120 days from the date of advance received.

Taxes : Tax Extra.

Freight : Actuals to pay basis.

Inspection : You can inspect the machinery before dispatch at Jayalakshmi Industries, Coimbatore.



Jayalakshmi Industries

5/31, Kuttai Thottam,
Chinnamadhampalayam,

Bilichi Post,

Coimbatore-641 019,

Tamil Nadu, India. Call: 04200 44410

Mfrs. of Tyre, Plastic & All types of Biomass Pyrolysis and Charcoal Making Machines

For Jayalakshmi Industries

Authorized Signatory

(A Velu Mayil)



Jayalakshmi Industries

5/31, Kuttai Thottam,
Chinnamadhampalayam,

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Tamil Nadu, India. Call: 04200 44410

Mfrs. of Tyre, Plastic & All types of Biomass Pyrolysis and Charcoal Making Machines

Requirements:

1. 50 Feet x 100 Feet Shed
2. 20 - 25 HP Power (except shredding & Conveyor)
3. 10000 Liters underground water tank

For Jayalakshmi Industries

(A Velu Mayil)

Authorized Signatory



Jayalakshmi Industries



GSTIN : 33ABHFA1522D1Z7

ADAM ENGINEERING

304-D/2, Ramasamy Naidu Industrial Estate, Singanallur Coimbatore - 641 005
E-mail : adamengineers@gmail.com / adamengineering2007@gmail.com
Mobile : 98433 22396 / 9894985336

To
M/s LALITHA CEMENT BRICKS
NANDIHALLI KORAHOBALI, TUMKUR,
TUMAKURU, (TUMKUR)
KARNATAKA, 572128

TAX INVOICE

No. 001

Date 6/5/19

P.O No. NIL Date

Our Dc No Date

Party GSTIN 29BNUPS2461M2ZY Party DC No/Date

S.No	Description	HSN	Qty	Rate		Amount	
				Rs.	P	Rs.	P
1.	5 KGS COIR DITH BRIQUETTING MACHINE WITH COOLING TOWER	1 8479 8999	1 NO	1145208	00	1145208	00

DELIVERY ADDRESS

M.R. SURESH
GOWRIKALLU
MALLEKAV POST
KORATAGERE TALUK

1 GST 18%
Less Rounding off

206137
444



Jayalakshmi Industries

5/31, Kuttai Thottam,
Chinnamadhampalayam,

Bilichi Post,

Coimbatore-641 019,

TamilNadu, India. Call: 07 000 44440

Mfrs. of Tyre, Plastic & All types of Biomass Pyrolysis and Charcoal Making Machines