



**ASSEMBLING OF
TELEVISION&HOUSEHOLD APPLIANCES
BUSINESS PLAN
BY YIONX TRADING COMPANY LIMITED**

FOR THE ASSEMBLING INDUSTRY TO
BE LOCATED AT PLOT NO. 4,6 & 7,
MWANAMBAYA,MKURANGA- PWANI
REGION.

1. INDUSTRY OVERVIEW

The television and household appliance assembly industry in Tanzania is an emerging sector with growth potential, driven by increased demand for affordable electronics, government policies promoting industrialization, and a growing middle class. Below is a detailed overview of the industry.

First is market demand and consumer trends, as rising urbanization and growing middle class, Tanzania's urban population is growing, particularly in cities like Dar es salaam, increasing demand for household electronics, including televisions, electric stand fan, blenders and rice cookers. The expansion of the middle class and rising disposable incomes are key factors driving this demand. Also, digital migration as Tanzania completed its transition from analog to digital broadcasting in 2015, which spurred demand for digital TV's and set top boxes. This digital shift continues to influence consumer demand for newer television models. On price sensitivity, Tanzanian consumers are price-sensitive, with a preference for budget and mid-tier televisions. Locally assembled TVs are positioned as affordable alternatives to fully imported products.

Local Assembly and Government Initiatives, The Tanzanian government support for local manufacturing has been actively promoting industrialization as part of its development agenda (vision 2025), focusing on import substitution and job creation. This has led to various initiatives aimed to boosting local manufacturing, including tax incentives and reduced import duties on components for assembly. Industrial parks and special economic zones (SEZs), the government has established SEZs and industrial parks that offer tax exemptions and streamlined regulations to attract investors in sectors like electronics assembly. Local companies and partnerships, several local companies have entered the electronics assembly space, partnering with global brands to assemble televisions and other consumer electronics. These partnerships help leverage brand recognition while keeping costs lower through local assembly.

Supply Chain and Components Imports, like most African countries like Tanzania imports the bulk of components used in television assembly, including display panels, circuit boards, and other electronics. China is the dominant supplier for these components. Local assembly plants focus primarily on final-stage assembly packaging, and distribution. Logistics and infrastructure the assembly industry faces challenges related to Tanzania's infrastructure, including inconsistent electricity supply, poor road networks in some areas, and high logistics costs. This affects the efficiency and cost-competitiveness of local assembly operations.

Challenges Facing the industry, high import costs for components while Tanzania promotes local assembly, the cost of importing key components remains high due to tariffs and logistics challenges. This reduces the price advantage that local assembles could have over fully imported products. Skilled labor shortage, there's shortage of specialized skills in electronics manufacturing and assembly. Although technical training programs are growing, it remains a challenge to find and retain a skilled workforce. Also, competition from imported TVs the market is flooded with imported televisions from China, India and other countries, often at competitive prices. Imported TVs are attractive to consumers due to brand reputation and advanced features. Another is informal markets as a large portion of Tanzania's electronics market operates informally, with imported second-hand or counterfeit TVs often competing with locally assembled products.

Opportunities for Growth, Government protectionism as the Tanzanian government is increasingly adopting protectionist measures, such as higher import duties on fully assembled products, to support local assembly industries. This creates an opportunity for local television assemblers to capture more market share. Rising demand for smart TVs as internet penetration increases in urban centers, there is growing demand for smart TVs. Local assemblers can tap into this market by assembling affordable smart TVs that cater to local needs and preferences. Regional export potential, Tanzania is strategically positioned within the East African Community (EAC), giving local manufactures access to a boarder

market through regional trade agreements. Television assemblers could benefit from exporting to

neighboring countries with similar market conditions. Growing E-commerce the rise of e-commerce in Tanzania offers new distribution channels for locally assembled televisions, reaching more consumers without the need for extensive physical retail infrastructure.

Key Players, local assemblers there are a few local companies involved in television assembly, often in partnership with global brands for component supply and technological support. Global Electronics Brands as major brands like LG, Samsung and Hisense dominate the Tanzanian television market although their products are primarily imported. Some have explored partnerships with local assemblers to cater to price-sensitive consumers. Chinese electronics brands such as TCL and Changhong, have a strong presence in the market competing with local assemblers on both price and technology.

Future Outlook, the television assembly industry in Tanzania is expected to grow as the government continues to promote local manufacturing and consumers demand for affordable electronics rises. However, the sector will need to address infrastructure challenges, skilled labor shortages, and competition from imports to thrive. With supportive policies, growing urbanization, and increased digital adoption, the potential for local assembly to expand remains promising.

The television assembly industry in Tanzania is still in its formative stages but has significant growth opportunities, particularly if local players can leverage government incentives and tap into regional and export markets.

2. EXECUTIVE SUMMARY

YIONX TRADING COMPANY LIMITED is a licensed and standard Television and household appliance assembly industry Company with strong bias for television assembly industry. We have been able to secure a standard and well – positioned facility in an industrial estate in Mwanambaya, Mkuranga district; a facility that is well positioned and highly suitable for the kind of television assembly industry plant that we want to build.

We are in the Assembling of television and household appliance industry to contribute our quota in saving the earth and also to compete in the highly competitive assembling industry not only in Tanzania, but also throughout the East African market.

YIONX TRADING COMPANY LIMITED is initially be involved in the importation of television and household appliance but will be in the nearest future engage in the television assembly industry. Our business goal is to become one of the leading Assembling Industrial Company of television assembly industry in Tanzania and East Africa in general and we will make sure that we do all we can to compete favorably with leading industries in production.

Our workers are going to be selected from a pool of certified and highly experienced and technicians in and around Tanzania and also from China as the business grows.

We will make sure that we take all the members of our workforce through the required trainings that will position them to meet the expectation of the company and to compete favorably with leading electrical appliance assembling industries in the country and throughout the globe.

3. OUR PRODUCTS AND SERVICES

YIONX TRADING COMPANY LIMITED was established with the aim of maximizing profits in the television and household appliance assembly industry in Tanzania.

We want to compete favorably with the leading Assembling industries of television and household appliance in Tanzania, which is why we have put in a place where a competent quality assurance team that will ensure that all Television and household appliance or that leaves our plant meet and even surpass our customers' expectations and meet with best practices in the industry.

We will work hard to ensure that the products and brand **YIONX TRADING COMPANY LIMITED** is not just accepted in Mkuranga District but also in other districts, towns and cities in Tanzania and East Africa at all.

4. OUR MISSION AND VISION STATEMENT

Our vision is to create a standard and world-class television assembly and household appliance industry whose products and brand will not only be accepted in Tanzania but also in other countries in East Africa and even globally.

Our mission is to provide standard television products and materials especially Appliances and Accessories that will assist the relevant industries in saving cost and energy and also to contribute our quota in helping save and eliminate all toxic emissions globally through electrical appliance.

We want to build an television assembly industry plant that can favorably compete with other leading brands in the production and assemble of television and Electrical Appliances.

5. OUR BUSINESS STRUCTURE

YIONX TRADING COMPANY LIMITED is an television and household appliance assembly industry company that intend starting small industry at Mkuranga District, serving smaller and heavy industries within our locations, but hope to grow big in order to compete favorably with leading Assembling of television and household appliance in the industrial sector both in Tanzania and on a global stage.

We are aware of the importance of building a solid business structure that can support the picture of the kind of world-class business we want to own. This is why we are committed to only hire the best hands within our area of operations.

At **YIONX TRADING COMPANY LIMITED**, we will ensure that we hire people that are qualified, hardworking, creative, customer centric and are ready to work to help us build a prosperous business that will benefit all the stake holders (the owners, workforce, and customers).

As a matter of fact, profit-sharing arrangement will be made available to all our senior management staff and it will be based on their performance for a period of five years or more as agreed by the board of trustees of the company. In view of the above, we have decided to hire qualified and competent hands to occupy the following positions;

- Chief Executive Officer
- Head, Technical Services
- Human Resources and Admin Manager
- Sales and Marketing Executive
- Accountant
- Plant Engineers/Technicians and Operators
- Client Service Executive
- Truck Drivers
- Job Roles and Responsibilities

Chief Executive Officer – CEO:

- Increases management’s effectiveness by recruiting, selecting, orienting, training, coaching, counseling, and disciplining managers; communicating values, strategies, and objectives; assigning accountabilities; planning, monitoring, and appraising job results; developing incentives; developing a climate for offering information and opinions; providing educational opportunities.
- Creates, communicates, and implements the organization’s vision, mission, and overall direction – i.e. leading the development and implementation of the overall organization’s strategy.
- Responsible for fixing prices and signing business deals
- Responsible for providing direction for the business
- Creates, communicates, and implements the organization’s vision, mission, and overall direction – i.e. leading the development and implementation of the overall organization’s strategy.
- Responsible for signing checks and documents on behalf of the company
- Evaluates the success of the organization

Head, Technical Services:

- Serves as project manager of the organization; works directly with employees in the scrap metal recycling plant
- Develops strategic plan by studying technological and financial opportunities; presenting assumptions; recommending objectives.
- Accomplishes subsidiary objectives by establishing plans, budgets, and results measurements; allocating resources; reviewing progress; making mid-course corrections.
- Coordinates efforts by establishing procurement, production, marketing, field, and technical services policies and practices; coordinating actions with corporate staff.
- Builds company image by collaborating with customers, government, community organizations, and employees; enforcing ethical business practices.

- Maintains quality service by establishing and enforcing organization standards.
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; benchmarking state-of-the-art practices; participating in professional societies.
- Makes certain that the technical department perform efficiently, coordinate employee efforts, and facilitate communications between management and recycling plant engineers, technicians and machine operators
- Ensures that the organization work in line with international best practices as it relates to scrap metal industry.

Administrator and Human Resource Manager

- Responsible for overseeing the smooth running of HR and administrative tasks for the organization
- Designs job descriptions with KPI to drive performance management for clients
- Regularly hold meetings with key stakeholders to review the effectiveness of HR Policies, Procedures and Processes
- Maintains office supplies by checking stocks; placing and expediting orders; evaluating new products.
- Ensures operation of equipment by completing preventive maintenance requirements; calling for repairs.
- Defines job positions for recruitment and managing interviewing process
- Carries out staff induction for new team members
- Responsible for training, evaluation and assessment of employees
- Responsible for arranging travel, meetings and appointments
- Updates job knowledge by participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.
- Oversees the smooth running of the daily office activities.

Sales and Marketing Manager

- Manages external research and coordinate all the internal sources of information to retain the organizations' best customers and attract new ones
- Models' demographic information and analyze the volumes of transactional data generated by customer
- Identifies development opportunities; follows up on development leads and contacts; participates in the structuring and financing of projects; assures the completion of development projects.
- Writes winning proposal documents, negotiate fees and rates in line with organizations' policy
- Responsible for handling business research, market surveys and feasibility studies for clients
- Responsible for supervising implementation, advocate for the customer's needs, and communicate with clients
- Develops, executes and evaluates new plans for expanding increase sales
- Creates new markets cum businesses for the organization
- Empowers and motivates the sales team to meet and surpass agreed targets

Accountant / Cashier:

- Responsible for preparing financial reports, budgets, and financial statements for the organization
- Provides managements with financial analyses, development budgets, and accounting reports; analyzes financial feasibility for the most complex proposed projects; conducts market research to forecast trends and business conditions.
- Responsible for financial forecasting and risks analysis.
- Performs cash management, general ledger accounting, and financial reporting for one or more properties.
- Responsible for developing and managing financial systems and policies
- Responsible for administering payrolls
- Ensures compliance with taxation legislation
- Handles all financial transactions for the company
- Serves as internal auditor for the company

Plant Engineers (2) and Technicians / Machine Operators (8)

- Responsible for installing, maintaining and repairing of all the processing machines in the plant
- Responsible for operating processing machines in the plant
- Handles any other job functions as it relates to processing materials.

Truck Drivers

- Assists in loading and unloading metal materials
- Maintains a logbook of their driving activities to ensure compliance with regulations governing the rest and work periods for operators.
- Keeps a record of vehicle inspections and make sure the truck is equipped with safety equipment, such as hazardous material placards.
- Assists the transport and logistics manager in planning their route according to a pick – up and delivery schedule.
- Inspects vehicles for mechanical items and safety issues and perform preventative maintenance
- Complies with hazardous waste truck driving rules and regulations (size, weight, route designations, parking, break periods etc.) as well as with company policies and procedures
- Collects and verifies delivery instructions
- Report defects, accidents or violations

Client Service Executive

- Welcomes clients and potential clients by greeting them in person or on the telephone; answering or directing inquiries.
- Ensures that all contacts with clients (e-mail, walk-In center, SMS or phone) provides the client with a personalized customer service experience of the highest level
- Through interaction with clients on the phone, uses every opportunity to build client’s interest in the company’s products and services

- Manages administrative duties assigned by the human resources and admin manager in an effective and timely manner
- Consistently stays abreast of any new information on the organizations' products, promotional campaigns etc. to ensure accurate and helpful information is supplied to clients when they make enquiries
- Receives parcels/documents for the company
- Distribute mails in the organization
- Handles any other duties as assigned by the line manager.

6. SWOT ANALYSIS

YIONX TRADING COMPANY LIMITED engaged the services of a core professional in the area of business consulting and structuring to assist our organization in building a well – structured television and household appliances Industry business that can favorably compete in the highly competitive assembling industry in Tanzania and worldwide.

Part of what the team of business consultant did was to work with the management of our organization in conducting a comprehensive SWOT analysis for the company. Here is a summary from the result of the SWOT analysis that was conducted on behalf of the company.

Strength:

Our core strength lies in the power of our team; our workforce. We have a team of certified and highly trained and experience recycling engineers and technicians / machine operators, a team with excellent qualifications and experience in various niche areas in the industry.

Aside from the synergy that exists in our carefully selected workforce, our product will be guided by best practices in the industry and our television and consumer Electrical Appliance Assembly is centrally positioned in an industrial estate and it is built to fit into the design of a 21st century plant.

Weakness:

As a new assembler of television and household appliance, it might take some time for our organization to break into the market and gain acceptance especially from top profile clients (major assembling / production companies that make use of electrical materials) in the already saturated and highly competitive assembling industry; that is perhaps our major weakness.

Another weakness is that we may not have the required cash to pump into promoting our business the way we would want to.

Opportunities:

No doubt, the opportunities in the assembling of television and Consumer Electrical Appliances is massive considering the number of individuals and assembling companies who are now switching over to alternative source of raw

materials basically to save cost and energy. As an television and household appliance assembling company, we are ready to take advantage of any opportunity that is available in the industry.

Threat:

Aside from unfavorable government policies, one of the major threats that we are likely going to face is economic downturn. It is a fact that economic downturn affects purchasing / spending power. Another threat that may likely confront us is the supply chain delays of electrical materials in same location where our target market exists and who may want to adopt same Business model like us.

7. MARKET ANALYSIS

Market Trends

One obvious trend in the assembling of television and household appliance industry and of course in other related industry is that players in this industry leverage on saving the earth and balancing the ecosystem to promote their business.

Our Target Market

Before starting our television and consumer Electrical Appliance Assembly business in Tanzania, we conducted a market survey and feasibility studies and we are certain that there is a wide range of manufacturing / production factories that cannot successfully run their businesses without sourcing for electrical materials from us.

In view of that, we have created strategies that will enable us reach out to various assembling / production companies who we know cannot afford to do without our products and materials. Below is a list of the people and organizations that we have specifically market our products and services to;

As a matter of fact, governments all over the world and even international Non – Government Organizations are in the forefront when it comes to campaigning in favor of Electrical materials to generate raw materials for industries as against tapping virgin raw materials. This is so because it will help save cost, energy, and the world that we live in will be the better for it.

9. SALES AND MARKETING STRATEGY

Sources of Income

Yionx Trading Company Limited is established with the aim of maximizing profits in the television and consumer electrical appliance assembly industry and we are going to go all the way to ensure that we do all it takes to meet and surpass the expectations of all our clients.

Yionx Trading Company Limited will generate income by selling and supplying the following products;

Below are the sales projections for **Yionx Trading Company Limited**, it is based on the location of our business and of course, the wide range of our products and target market;

- **First Fiscal Year-:** \$240,000
- **Second Fiscal Year-:** \$550,000
- **Third Fiscal Year-:** \$900,000

N.B: This projection is done based on what is obtainable in the industry and with the assumption that there won't be any major economic meltdown and there won't be any major competitor within same location where our television and electrical appliance assembly plant is located or where our target market exists. Please note that the above projection might be lower and at the same time, it might be higher.

- **Marketing Strategy and Sales Strategy**

Some environmental experts stated that the world market for waste, from collection to recycling is worth around 300 billion Euros (US \$410 billion). The recycling business is therefore a growing business that has futuristic benefits; there are markets in the developing world that can be tapped into especially in Africa, Asia and Latin America.

We are mindful of the fact that there are stiffer competitions in the Electrical appliance assembly industry especially in the United States; hence, we have been able to hire some of the best marketing experts to handle our sales and marketing.

Our sales and marketing team will be recruited based on their vast experience in the Electrical appliance assembling industry and they will be trained on a regular basis to be well equipped to meet their targets and the overall business goal of our company.

Our corporate goal is to grow **Yionx Trading Company Limited** to become one of the top 5 Electrical appliance assemble brands in Tanzania which is why we have mapped out strategy that will help us take advantage of the available market and grow to become a major force to reckon with not only in Tanzania but also in other countries in East Africa.

Yionx Trading Company Limited is set to make use of the following marketing and sales strategies to attract clients;

- Introduce our Electrical appliance assemble company by sending introductory letters alongside our brochure to assembling / production companies and other key stakeholders in the assembling industry.
- Advertise our business in relevant business magazines, newspapers, TV stations, and radio station.
- List our business on yellow pages ads (local directories).
- Attend relevant international and local expos, seminars, and business fairs exhibitions.
- Create different packages for different category of clients in order to work with their budgets and still deliver good Electrical appliance products.
- Leverage on the internet to promote our business through different platforms and social medias.
- Engage direct marketing approach.
- Join local chambers of commerce and industries with the aim of marketing our products.
- Encourage word of mouth marketing from loyal and satisfied clients.

11. PUBLICITY AND ADVERTISING STRATEGY

We have been able to work with our in-house brand and publicity consultants to help us map out publicity and advertising strategies that will help us walk our way into the heart of our target market. We are set to

become the number one choice for assembling / production companies in the whole of Tanzania and beyond which is why we have made provisions for effective publicity and advertisement of our company.

Below are the platforms we intend to leverage on to promote and advertise **YIONX TRADING COMPANY LIMITED**:

- Place adverts on both print (newspapers and magazines) and electronic media platforms.
- Sponsor relevant community-based events / programs.
- Leverage on the internet and social media platforms like; Instagram, Facebook, twitter, YouTube, Google to promote our products.
- Install our Bill Boards on strategic industrial locations all around Tanzania.
- Engage in road show from time to time in targeted industrial estates.
- Distribute our fliers and handbills in target areas.
- Contact assembling / production companies by calling them up and informing them of **YIONX TRADING COMPANY LIMITED** and the products we sell.
- List our company in local directories / yellow pages.
- Advertise our business in our official website and employ strategies that will help us pull traffic to the site.
- Ensure that all our staff members wear our branded shirts and all our vehicles / trucks are well branded with our company logo.

12. OUR PRICING STRATEGY

At **YIONX TRADING COMPANY LIMITED**, we will keep the prices of our electrical appliances products or materials below the average market rate for all of our customers by keeping our overhead low and by collecting payment in advance from assembling companies who would hire our services. In addition, we will also offer special discounted rates to all our customers at regular intervals.

We are aware that there are some one – off jobs or government contracts that are always lucrative, we will ensure that we abide by the pricing model that is expected from contractors or organizations that bid for such contracts.

- **Payment Options**

The payment policy adopted by the company is all-inclusive because we are quite aware that different customers prefer different payment options as it suits them but at the same time, we will ensure that we abide by the financial rules and regulation of the country.

Here are the payment options that the company, will make available to her clients;

- Payment via bank transfer
- Payment with cash
- Payment via online bank transfer
- Payment via mobile money

- Payment via Point of Sales Machines (POS Machines)
- Payment via check
- Payment via bank draft

In view of the above, we have chosen banking platforms that will enable our client make payment for farm produces purchase without any stress on their part. Our bank account numbers will be made available on our website and promotional materials to clients who may want to deposit cash or make online transfer for the purchase of our electrical appliances and accessories products.

13. STARTUP EXPENDITURE (BUDGET)

In setting up any business, the amount or cost will depend on the approach and scale you want to undertake. If you intend to go big by renting a place, then you would need a good amount of capital as you would need to ensure that your employees are well taken care of, and that your facility is conducive enough for workers to be creative and productive.

This means that the start-up can be either low or high depending on your goals, vision and aspirations for your business. The tools and equipment that will be used are nearly the same cost everywhere, and any difference in prices would be minimal and can be overlooked.

As for the detailed cost analysis for starting a standard Electrical appliance assembly plant; it might differ in other countries due to the value of their money. However, this is what it would cost us to set up the industry;

- Business incorporating fees cost – **\$500.**
- The budget for Liability insurance, permits and license will cost – **\$3,500**
- Acquiring facility that will accommodate the design of Electrical appliance assembly plant we want to build will cost – **\$150,000.**
- The amount required to purchase the needed electrical processing equipment and machines – **\$120,000**
- Equipping the office (computers, printers, projectors, markers, servers / internet facility, furniture, telephones, filing cabinets, and electronics) will cost – **\$30,000**
- Amount required to purchase the needed software applications to run our business – **\$3,500**
- The cost for start-up inventory (purchase of used and condemned electrical material (such as copper, steel, plastics, stainless steel etc.) – **\$5,000**
- Launching an official website will cost – **\$500**
- Amount need to pay bills and staff members for at least 2 to 3 months – **\$70,000**
- Amount needed to acquire trucks – **\$50,000**
- Additional Expenditure such as Business cards, Signage, Adverts and Promotions will cost – **\$5,000**

Going by the report from the market research and feasibility studies conducted, we will need about four hundred and fifty thousand (**450,000**) U.S. dollars to successfully set – up a medium scale processing.

Generating Funds / Startup Capital for Yionx Trading Company Limited

the sourcing of the start – up capital for the business to will be on two major sources.

- Generate part of the start – up capital from personal savings and sale of his stocks.
- Generate a larger chunk of the startup capital from the bank (loan facility).

14. SUSTAINABILITY AND EXPANSION STRATEGY

The future of a business lies in the numbers of loyal customers that they have the capacity and competence of the employees, their investment strategy and the business structure. If all of these factors are missing from a business (company), then it will not be too long before the business close shop.

One of our major goals of starting the company is to build a business that will survive off its own cash flow without the need for injecting finance from external sources once the business is officially running.

We know that one of the ways of gaining approval and winning customers over is to sell our electrical appliance products a little bit cheaper than what is obtainable in the market and we are well prepared to survive on lower profit margin for a while.

YIONX TRADING COMPANY LIMITED will make sure that the right foundation, structures and processes are put in place to ensure that our staff welfare are well taken of. Our company’s corporate culture is designed to drive our business to greater heights and training and re – training of our workforce is at the top burner.

As a matter of fact, profit-sharing arrangement will be made available to all our management staff and it will be based on their performance for a period of ten years or more. We know that if that is put in place, we will be able to successfully hire and retain the best hands we can get in the industry; they will be more committed to help us build the business of our dreams.

Showing the cash flows and financial projection for YIONX TRADING COMPANY LIMITED-

(Note: The Revenue line represents Earnings Before Interest, Tax, Depreciation and Amortization Cashflow)

Item	Year 1	Year 2	Year 3	Year 4	Year 5
Cash Inflows					
Equity	450,000				
Revenue (EBITDA)	450,000	18,000,000	22,500,000	27,000,000	31,500,000
Total Cash Inflows	15,040,000	18,000,000	22,500,000	27,000,000	31,500,000
Cash Outflows					
Direct Materials	2,500,000	3,000,000	4,500,000	6,000,000	7,500,000
Direct Labor’s	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000
Expenses	4,000,000	5,000,000	6,000,000	7,000,000	8,000,000

overheads					
Depreciation	-				
Total Cash Out Flows	7,500,000	10,000,000	13,000,000	17,000,000	21,500,000
Net Cash Flows	6,000,000	8,000,000	9,500,000	10,000,000	10,000,000
Cum. (Deficit)/Excess cash flows	6,000,000	14,000,000	23,500,000	34,500,000	35,500,000

APPENDIX: I

YIONX TRADING COMPANY LIMITED INVESTMENT COST

ITEM	USD \$
Plant	150,000
Furniture and Gadgets	30,000
Trucks	50,000
Machines and equipment	120,000
Raw materials	5000
Pre-Operational Expenses	4000
Miscellaneous	84000
Sub total	450,000
GRAND TOTAL	450,000