

# Health Sector



## PORTABLE MEDICAL FIRST AID KITS

### Introduction

This profile looks at establishing a project that will make portable medical first aid kits. A first aid kit is a collection of supplies and equipment for use in giving first aid. First aid kits may be made up of different contents depending on who has assembled the kit and for what purpose. It may also vary by region due to varying advice or legislation between governments or organizations.

### Production capacity

This project will be in position of producing 2,600 medical first aid kits per month totaling to 31,200 per year and this generates 9,360,000 TRs per year. The total operating costs are US\$7,652,400 for the first year of project operation generating annual revenue of US\$9,360,000 with a net profit margin of 18%.

### Procedure

First aid kits are made by assembling essential medical tools & equipment and the necessary medicines & drugs. Standard kits often come in durable plastic boxes, fabric pouches or in wall mounted cabinets. It is recommended that all kits are assembled in a clean, waterproof container to keep the contents safe and aseptic. Kits should also be checked regularly and restocked if any items are damaged or out of date.

### Contents

• Plastic Tweezers
• Disposable gloves are often found in modern first-aid kits.
• Regular strength pain medication
• Gauze and Low grade disinfectant.
• Adhesive bandages (band-aids, sticking plasters).
• Moleskin—for blister treatment and prevention
• Dressings (sterile, applied directly to wound)
• Saline for cleaning wounds or washing out foreign bodies from eyes
• Soap- used with water to clean superficial wounds once bleeding is stopped.
• Antiseptic wipes or sprays for reducing the risk of infection in abrasions or around wounds. Dirty wounds must still be cleaned for antiseptics to be effective.
• Burn dressing, which is usually a sterile pad, soaked in a cooling gel.

### Daily Raw materials for one Kit

Item	Units	@	Qty/day	Prod. Cost/day	Prod. Cost/month	Prod. Cost/Year
<b>Direct Costs</b>						
Plastic Tweezers	Pairs	12	100	1,200	31,200	374,400
Disposable Gloves	Pairs	4	200	800	20,800	249,600
Pain Medication	Packs	10	100	1,000	26,000	312,000
Surgical Mask	Pairs	15	100	1,500	39,000	468,000
Apron	Pairs	5	100	500	13,000	156,000
Container	Sets	25	100	2,500	65,000	780,000
Saline	Bottles	10	100	1,000	26,000	312,000
Soap	Pieces	5	100	500	13,000	156,000
Burn Dressings	Packs	20	100	2,000	52,000	624,000
Adhesive Tape	Packs	15	100	1,500	39,000	468,000

Haemostatic Agents	Bottles	12	100	1,200	31,200	374,400
Adhesive Bandages	Rolls	8	100	800	20,800	249,600
Anti septic wipes	Bottles	10	100	1,000	26,000	312,000
Goggles	Pairs	20	100	2,000	52,000	624,000
Gauze	Rolls	20	100	2,000	52,000	624,000
Moleskin	Packs	40	100	4,000	104,000	1,248,000
Dressings	Packs	10	100	1,000	26,000	312,000
Sub total				24,500	637,000	7,644,000

### General Costs (Over heads)

Rent	200	2,400
Labour	300	3,600
Utilities (Power & Water)	200	2,400
Sub - total	700	8,400
Total Operating Costs	637,700	7,652,400

### Operating Costs in US\$

### Project Product Costs and Price Structure

Item	Qty/day	Qty/yr	@	Pdn Cost/yr	UPx	T/rev
Medical Kits	100	31,200	245	7,652,400	300	9,360,000

### Profitability Analysis in US\$

Profitability Item	Per day	Per Month	Per Year
Revenue	30,000	780,000	9,360,000
Less: Production & Operating Costs	24,500	637,700	7,652,400
Profit	5,500	142,300	1,707,600

### Sources of Supply of Raw materials:

Raw materials are readily available on the Ugandan market.

### Government Facilities and Incentives Available: