

PROJECT PHASE I

BUDGET -CONSERVATION AGRICULTURE FOR FOOD SECURITY,JOBS AND INCOME

Budget for Establishment of 9 hectares - Cashew Plantation:

ITEM/DESCRIPTION/SERVICE	Quantity	Unit Price	Amount	Summary
		\$	\$	\$
1 Land acquisition (outright purchase)	10 hectares	329	3,290.00	
2 land preparation(Buldozer)	6 days	470	2,820.00	
3 Purchase of cashew Seedlings	5,500	1	5,500.00	
4 Ploughing of field(Hiring of tractor)	9hectares	65.78	592.02	
5 Lining and pegging of plantation	9 hectares	23.49	211.41	
6 Digging of holes for planting of seedlings	9 hectares	18.79	169.11	
7 Purchase of Manure for soil amendments	5 tonnes	48.87	244.35	
8 Application of Poultry droppings	9 hectares	14.09	134.10	
9 Weed control by harrowing/slasher	10 hectares	56.39	563.90	
# Transplanting of seedlings(cashew)	9 hectares	14.09	126.81	
Sub-total			13,651.70	13,652.00
ESSENTIAL TOOLS & EQUIPMENT NEEDED CASHEW PLANTATION				
# Motor king trycycle machine	1	1,222	1,222.00	
# Earth chisels	15	3	45.00	
# Power tiller	1	1,370	1,370.00	
Sub-total			2,637.00	2,637.00
GRAND TOTAL(Phase I)				16,289.00

PHASE II

ESTABLISMENT OF 50 HIVE APPIARY IN 9 HECTARE CASHEW

ESSENTIAL SERVICES:

1 Instalation of the hives(bottom set up)	9 Hectares	9.39	469.5	
2 Colonization of hives	50 hives	5.63	281.5	
3 Management of 50 Hives by field staff(Salaries)	5	112.78	563.9	
			1314.9	1,314.90
TOOLS & EQUIPMENT NEEDED FOR THE 50 HIVES APIARY ESTABLISHMENT				
4 Langstroth Honey bee Hives	30	27.9	837	
5 Kenyan Top bar hives	20	18	360	
6 Bee smoker	5	3.45	17.25	
7 Bee suits- cover all	10	16.8	168	
8 Bee shoes	10	5.2	52	
9 Bee keeper jacket	10	5.9	59	
# Honey refractometer	3	2.5	7.5	
# Temperature /humidity measuring device	5	22.5	112.5	
# Honey comb Un-capping brush	10	2.19	21.9	
# Honey scraper	10	1.22	12.2	
# Beehive connector(spring)	10	3.2	32	
# Honey uncapping tray	15	39	585	
# Hive Tool	10	1.2	12	

# frame cleaner	10	1.1	11	
# Bee keeping tool box	3	31	93	
# 10 Frame metal frame spacer	50	0.35	17.5	
# Bee hive frame(for lanstroph hive)	300	0.55	165	
# Bees wax Foundation sheet	50	2.8	140	
# 12 frames Electrical honey extractor	1	649	649	
# 8 frames mannual honey extractor	1	259	259	
# Queen cage	50	0.5	25	
# wasp trap	50	0.12	6	
# Queen excluder	20	1.05	21	
# galvanized frame wire	10	1	10	
# honey strainer	10	3.8	38	
# Beehive strap	2 cartons	1.44	2.88	
# Bee brush	10	2.2	22	
# pollen box	10	0.33	3.3	
# Pollen shovel	10	1	10	
# propolis collector	10	2.49	24.9	
# frame feeder	50	0.54	27	
# Spray bottle (to cool down temperatures by water)	10	1.55	15.5	
# Queen cell protector	20	0.2	4	
# Queen cage	10	0.59	5.9	
# oxallic acid vaporizer	3	12	36	
# queen marking tube	10	1	10	
# queen catcher	10	0.25	2.5	
# Bee escape	20	0.25	5	
# Royal jelly pen	30	1.56	46.8	
# Beekeeper Golves	10	2.9	29	
# Bee keeper Hat	10	1.45	14.5	
# cover all hooded suit	10	13.9	139	
# 0.5 tons Honey thickening & fitering Machine	1	2950	2950	
# Manual bee wax embossing machine	1	849	849	
# electric beewax embossing machine	1	888	888	
Sub-total			8796.13	8796.13
TOTAL (PHASE II)				10,111.03
GRAND TOTALS				
1 PHASE I CASHEW PLANTATION			16,289.00	
2 PHASE II 50 HIVES APIARY			10,111.03	
GRAND SUMMARY			26,400.03	26,400.03