

COST ANALYSIS – BIOMANURES –COMPOST AND VERMICOMPOST

PREPARATION OF COMPOST AND VERMICOMPOST USING COW DUNG				
Items required		Qty	Unit Price (in Rs.)	Total (in Rs.)
Raw materials	Willow waste	500 kgs	Rs. 3	Rs. 1500.00
	Transportation of WW to site	-	Rs. 500	Rs. 500.00
	Cement rings (2 ½ feet x 13' height)	3	Rs. 400	Rs. 1200.00
	Sacks	-	Rs. 300	Rs. 300
	Buckets mugs and tools	-	Rs. 1000	Rs. 1000
	Urea	250gms	Rs. 300	Rs. 300
Using cow dung	Cow dung	10 kgs	Rs. 20	Rs. 200.00
Using EM	EM solution	-	-	-
	Organic jaggery	-	-	-
COMPOST	Grand total			Rs. 5000.00
	Unit price (cost for 1kg)			Rs. 10/kg
	COMMERCIAL COST			2.50/kg
VERMICOMPOST	Worms (Eisenia fetida)	2kgs	Rs. 250	Rs.500.00
	Grand total			5500.00
	Unit price			11 kg
	Commercial Cost			40/kg

Recovery percentage: compost

N – Farm yard wastes	30%	WW –	10 – 15%
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COST ANALYSIS – BIOMANURES –COMPOST AND VERMICOMPOST

PREPARATION OF COMPOST AND VERMICOMPOST USING EM				
Items required		Qty	Unit Price (in Rs.)	Total (in Rs.)
Raw materials	Willow waste	500 kgs	Rs. 3	Rs. 1500.00
	Transportation of WW to site	-	Rs. 500	Rs. 500.00
	Cement rings (2 ½ feet x 13' height)	3	Rs. 400	Rs. 1200.00
	Sacks	-	Rs. 500	Rs. 500
	Buckets mugs and tools	-	Rs. 500	Rs. 500
	Urea	250gms	Rs. 300	Rs. 300
Using cow dung	Cow dung	-	-	-
Using EM	EM solution	1 L	Rs. 250	250
	Organic jaggery	1kg	Rs. 80	Rs. 80
COMPOST	Grand total	-	-	Rs. 4830.00
	Unit price (cost for 1kg)	-	-	Rs. 9.60/kg
	COMMERCIAL COST	-	-	-
VERMICOMPOST	Worms (Eisenia fetida)	2kgs	Rs. 250	Rs.500.00
	Grand total	-	-	Rs. 5600.00
	Unit price	-	-	Rs. 11
	Commercial Cost	-	-	-

COST ANALYSIS – HANDMADE PAPER

PREPARTION OF HANDMADE PAPER FROM WILLOW WASTE				
Item	Particulars required	Qty	Unit price (in Rs.)	Total (in Rs.)
Production of handmade paper from willow waste	Willow waste	150 kgs	3	450.00
	Transportation of WW to site (Cbe- erode)	1000.00	-	1000.00
	Production of handmade paper	5000	-	5000.00
	Rosin soap, caustic soda and alum	500	-	500.00
	Textile waste	50 kgs	-	500.00
	Cost of handmade paper making (150 sheets were made)	-	-	7450.00
	Unit price	-	-	Rs. 50/ sheet
	Papers from Jute caddies			30-40 / sheet
Value addition : Screen printing	Cost of dye and binder	-	800	800.00
	Making of screens	4 Nos.	250	1000.00
	Grand total	-	-	1800.00
	Unit price of screen printed sheet (100 sheets)			Rs. 18
	Commercial Cost			40-50 /sheet

COST ANALYSIS – WIPES

PREPARATION OF WIPES FROM WILLOW WASTE				
Item	Particulars required	Qty	Unit price (in Rs.)	Total (in Rs.)
Production of handmade paper from willow waste	HANDMADE PAPER (each sheet cut into 6 wipes)	5	50	250.00
Finishing of wipes	Lemon rind (from waste)	-	-	-
	Aloe vera	1 nos	30	30.00
	Citric acid binder	50gms	150	50.00
	Ethanol	1L	500	200.00
	Total			530.00
Unit price	Unit price per piece (5 sheets x 6 pieces)	30	-	Rs. 18/pc
Commercial	Commercial – wipes - polypropylene based	-	-	Type I – Rs. 200 / 42 pieces Type II – Rs. 169 / 5 pieces

COST ANALYSIS – COMPOSITES FROM WILLOW WASTE

PREPARATION OF COMPOSITES FROM WILLOW WASTE						
Particulars required	Natural resin (TKP)			Synthetic resin (PP)		
	Quantity	Unit price	Total	Quantity	Unit price	Total
Willow waste	50	3	150	50	3	150
Natural resin – Tamarind kernel powder	1kg	300	100	-	-	-
Synthetic resin - polypropylene	-	-	-	2kgs	90	180
Total			250.00			330.00
Unit price			5/pc			7/pc
Sample of dimension			9rs/ piece			7rs/ piece
			30 /sq.mt			24 /sq.mt
Commercial polypropylene composite	-	-	-	-	-	37 / sq.mt

COST ANALYSIS – BRIQUETTES FROM WILLOW WASTE

PREPARATION OF BRIQUETTES FROM WILLOWWASTE						
Particulars required	Willow waste			Willow waste + coir		
	Qty	Unit price (in Rs.)	Total (in Rs.)	Qty	Unit price (in Rs.)	Total (in Rs.)
Willow waste	100kgs	3	300.00	100kgs	3	300.00
Coir	-	-	-	50kgs	6	300.00
Production charges	-	-	-			
Total	-	-	300	-	-	600
Unit price			Rs. 3 /piece			Rs. 6/ piece
Leaves			13 / piece			
Coal			6 / piece			