

PROJECT : DESIGN, DEVELOPMENT AND TESTING OF COMBINED SLITTER-PRESSER MACHINE
 FOR BARIW (*Pandanus copelandii*) LEAVES
 OWNER : PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY
 LOCATION : BAI COMPOUND, VISAYAS AVENUE, VASRA, QUEZON CITY
 DURATION : 45 CALENDAR DAYS

BILL OF MATERIALS/COST ESTIMATES

PARTICULARS			QUANTITY	UNIT	UNIT PRICE	AMOUNT
I. FABRICATION OF FRAME & MACHINE GUARDS						
	Angle bar, 1 1/2" X 1 1/2" X 4mm		2	pc		
	Flat bar, 1" X 1/8" X 6m		1	pc		
	MS plate, 4 ft X 8 ft, 2mm thick		1	pc		
	Pillow block mounted ball bearing with 3/4"Ø bore shaft, P204		4	unit		
	Flange ball bearing with 3/4"Ø bore shaft, UCF 204-12		2	unit		
	Take up ball bearing with 3/4"Ø bore shaft, UCT 204-12		4	unit		
	10mmØ X 40mmL Full thread bolt hexagonal head with washer and lock nut (high tensile)		26	pc		
	6mmØ X 16mmL Stainless steel full thread bolt hexagonal head with washer and lock nut		38	pc		
	4mmØ X 30mmL Stainless steel full thread bolt hexagonal head with washer and lock nut		6	pc		
	Metal Grinding Disc, 4"		10	pc		
	Metal Cutting Disc, 4"		10	pc		
	MS Welding Rod No. 7018, 3.2mmØ		5	kg		
	Caster wheel with break, 150kg capacity, heavy duty		4	pc		
				Material Cost		
				Labor Cost		
				Direct Cost		
				Indirect Cost		
				Tax		
				Contract Cost		
II. FABRICATION OF ROLLERS AND SLITTER						
	Chrome steel roller, 150mmØ X 200mmL, with 3/4"Ø shaft (refer to detailed engineering design for additional specifications)		2	set		
	Chrome steel roller, 100mmØ X 200mmL, with 3/4"Ø shaft (refer to detailed engineering design for additional specifications)		2	set		
	Chrome steel roller, 94mmØ X 200mmL, with 3/4"Ø shaft (refer to detailed engineering design for additional specifications)		1	set		

PARTICULARS			QUANTITY	UNIT	UNIT PRICE	AMOUNT
		Slitter assembly (refer to detailed engineering design for specifications)	1	unit		
		Tensioner assembly (refer to the detailed engineering design for specifications)	6	set		
				Material Cost		
				Labor Cost		
				Direct Cost		
				Indirect Cost		
				Tax		
				Contract Cost		
III. FINISHING WORKS						
		Red oxide metal primer	2	li		
		Thinner	1	gal		
		Enamel paint, two coatings, forest green color	1	gal		
		Paint brush, 2"	4	pc		
		Paint brush, 1"	4	pc		
		Sand paper	20	pc		
		PhilFIDA vinyl sticker (weather resistant)	1	pc		
				Material Cost		
				Labor Cost		
				Direct Cost		
				Indirect Cost		
				Tax		
				Contract Cost		
IV. PRIME MOVER, PULLEYS AND V-BELTS						
		1.5HP Electric motor, single phase, low speed, high torque, 220 volts	1	unit		
		Variable Frequency Drive (VFD) with Emergency Control	1	unit		
		V-Belt Pulley, 54mm OD, 19mm ID	1	pc		
		V-Belt Pulley, 139mm OD, 19mm ID	1	pc		
		V-Belt, B-51	1	pc		
		Chain sprocket, 40T, 19mm bore	1	pc		
		Chain sprocket, 15T, 19mm bore	1	pc		
		Roller chain, #40,	1	box		
				Material Cost		
				Labor Cost		
				Direct Cost		
				Indirect Cost		
				Tax		
				Contract Cost		

PARTICULARS			QUANTITY	UNIT	UNIT PRICE	AMOUNT
V. DELIVERY / MODIFICATION						
		<i>Delivery: Region VI</i>	1	lot		
				Direct Cost		
				Contract Cost		
			Total Direct Cost			
			Total Indirect Cost			
			Total Taxes			
			Total Contract Cost			

Prepared by:

Signature over Printed Name

Name of Company: _____

Date: _____