

PROJECT : **DESIGN, DEVELOPMENT AND TESTING OF COMBINED SLITTER-PRESSER MACHINE
FOR BARIW (PANDANUS COPELANDII) LEAVES**

NAME OF CONTRACTOR :

ADDRESS :

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, 86mm X 59mm (cut size), 4mm thick	1	pc		
	G.I. sheet, 4ft X 8ft, gauge 16	2	pc		
	Pillow block mounted ball bearing with 3/4 inch bore shaft diameter, P204	4	unit		
	Flange ball bearing with 3/4 inch bore shaft diameter, UCF 204-12	2	unit		
	Take up ball bearing with 3/4 inch bore shaft diameter, UCT 204-12	2	unit		
	12mmØ X 40mmL Full thread bolt hexagonal head with washer and lock nut (high tensile)	4	pc		
	10mmØ X 40mmL Full thread bolt hexagonal head with washer and lock nut (high tensile)	20	pc		
	6mmØ X 16mmL Stainless steel full thread bolt hexagonal head with lock nut	34	pc		
	Stainless spring washer for 6mmØ Bolt	34	pc		
	Flat Washer, 12mmØ	4	pc		
	Flat Washer, 10mmØ	20			
	Metal Grinding Disc, 4"	10	pc		
	Metal Cutting Disc, 4"	10	pc		
	MS Welding Rod No. 7018, 3.2mmØ	5	kg		
	Rubber pad footing, heavy duty	4	pc		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
II. FABRICATION OF ROLLERS AND SLITTER					
	Chrome steel roller, 150mm X 200mm, with 3/4" shaft (refer to detailed engineering design for additional specifications)	2	set		
	Chrome steel roller, 100mm X 155mm, with 3/4" shaft (refer to detailed engineering design for additional specifications)	2	set		
	Chrome steel roller, 60mm X 200mm, with 16mm 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)	2	set		
	Bariw leaves platform and feeding chute (refer to detailed engineering design for specifications)	1	unit		
				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					
	2HP Electric motor, single phase, low speed, 220 volts	1	unit		
	AC Electric motor variable speed controller with plug	1	unit		
	Magnetic Contactor	1	unit		
	V-Belt Pulley, 54mm OD, 28mm ID	1	pc		
	V-Belt Pulley, 94mm OD, 19mm ID	2	pc		
	V-Belt Pulley, 139mm OD, 19mm ID	1	pc		
	B-37 V-belt	1	pc		
	B-19 V-belt	1	pc		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
V. DELIVERY / MODIFICATION					
	Modification and adjustments after functional testing	1	lot		

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Delivery at Fiber Processing and Utilization Laboratory, Visayas Avenue, Vasra, Quezon City	1	lot		
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
				Total Direct Cost	
				Total Indirect Cost	
				Total Taxes	
				Total Contract Cost	
				Say	

Prepared by:

Signature over Printed Name

Date