

PROJECT : Provision of labor and materials for the improvement and delivery of MFDM for Jute
Fiber Extraction

OWNER : PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY

BILL OF MATERIALS/COST ESTIMATES

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
I. FABRICATION OF MAIN FRAME					
	C-channel, 3"X 1-3/8" x 3/16", MS	3	pc		
	Angle bar, 2" X 1/4", MS	1	pc		
	Angle bar, 1 1/2" X 1/4", MS	2	pc		
	Flat bar, 1" X 1/4", MS	1	pc		
	Flat bar, 1 1/2" X 1/4", MS	2	pc		
	Flat bar, 2"X1/4", MS	2	pc		
	Wheel tire, rim & lug nut, LT145R12	2	set		
	Wheel axle and spindle	2	set		
	Latch clamp, industrial type	1	set		
	Towing bar with pin	1	set		
	G.I pipe, 1/2"x 6m, sch. 40	0.5	length		
	G.I pipe, 1- 1/2"x6m, sch. 40	0.5	length		
	Hexagonal bolt and nut and flat washer, M6x1", high tensile	10	set		
	Hexagonal bolt and nut and flat washer, M10 x 1-1/2", high tensile	20	set		
	Hexagonal bolt and nut and lock washer, M12 x 1-1/2" high tensile	30	set		
	Cut-off wheel, 4" dia	15	pcs		
	Grinding disc, 4" dia	5	pcs		
	Welding electrode, 3/32, special	1.5	kg		
	Drill bit, 12mm dia., metal	3	pcs		
	Drill bit, 10mm dia., metal	3	pcs		
	Drill bit, 6mm dia., metal	4	pcs		
	Leaf spring, u-bolt, shackle and accessories	2	set		
II. FABRICATION OF ROTATING DRUMS					
	G.I pipe, 4" dia., sch. 40, MS	0.5	length		
	Flat bar, 2"X1/4", MS	2	length		
	Round bar, 6mm dia.X6m,MS	2	length		
	CRS shafting, 25mm dia. X 6m	1	length		
	CRS shafting, 50mm dia. X 6m	0.25	length		
	Pillow block, P205, heavy duty	12	pcs		
	Flat bar, 2"X6mx1/4", MS	2	pcs		
	Allen head bolt, fine thread, M6X1", high tensile,	20	pcs		
	Cut-off wheel, 4" dia	6	pcs		
	Grinding disc, 4" dia	5	pcs		
	Welding electrode, 3/32, special	2	kg		
	Drill bit, 12mm dia.	1	pcs		
	Drill bit, 10mm dia.	1	pcs		

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	M6 Hand tap, 28TPI, fine thread	5	set		
	Drill bit, 5mm dia.	5	set		
	Key stock, 8mmx7mmx60mm	15	pcs		
III. FABRICATION OF MACHINE COVERS					
	Black iron sheet, gauge 19, 4"x8"	2	sheets		
	Cut-off wheel, 4" dia	5	pc		
	Grinding disc, 4" dia	4	pc		
	Welding electrode, 3/32, special	1	pc		
	Drill bit, 6mm dia.	2	pc		
	Cylindrical hinge, 1/2" dia.	2	pc		
	Blind rivet, 3/16" dia X 1/2"	100	pcs		
	Flat bar, 1" X 1/8", MS	1	pc		
	Allen head bolt and nut and flat washer, M6x1", high tensile	25	set		
IV. TRANSMISSION ASSY.					
	Metal Spur gear, T=36, M=4, OD=152, B shape	2	pc		
	Metal Spur gear, T=24, M=4, OD=104, B shape	2	pc		
	Sprocket, metal, T=23, PD= 93.27, OD= 100mm	4	pc		
	Sprocket, metal, T=13, PD= 53.07, OD= 59.14mm	1	pc		
	Roller chain, no.40, 65in L	1	pc		
	M6 Hand tap, 28TPI, fine thread	2	pc		
	Allen head bolt, fine thread, M6X38mm", high tensile,	20	pc		
	8" dia., V-pulley, B-section, double groove	2	pc		
	8" dia., V-pulley, B-section, single groove	1	pc		
	4" dia., V-pulley, B-section, single groove	1	pc		
	V-belt, B-section, L=64"	2	pc		
	Ball bearing, 6802	3	pc		
	Allen head bolt, fine thread, M6X12mm", high tensile,	4	pc		
	Hexagonal bolt, M8X38mm", high tensile,	3	pc		
	Idler roller, OD=50mm, L= 75mm	1	pc		
	Drill bit, 5mm dia.	2	pc		
	M6 Hand tap, 28TPI, fine thread	2	sets		
	Bushing, OD=25mm., ID= 16mm, L= 14	2	pc		
	Welding electrode, 3/32, special	1	kg		
	All purpose grease, 500g	1	pack		
	Diesel engine, 10hp, horizaontal water cooling, hand cracking start	1	unit		
V. MACHINING & ROLLER BALANCING WORKS		1	lot		
VI. FINISHING WORKS					
	Epoxy primer, gray	1	gal		
	Lacquer thinner	1	gal		

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Sand paper, assorted	30	pcs		
	Glossy enamel paint, quick dry, green	1	gal		
	Paint thinner	1	gal		
	Rugs	3	kg		
	Body filler,	1	l		
	Vinyl sticker, 150mmX150mm, philfida logo	4	pcs		
VII. DELIVERY/TRANSPORT/FUNCTIONAL TESTING					
	Delivery at Fiber Processing and Utilization Laboratory, Visayas Avenue, Vasra Quezon City	1	lot		
	Functional testing	1	lot		

Total material cost, php _____
Total labor cost, php _____
Total Indirect cost, php _____
Total taxes, php _____
Total Contract Cost, php _____

 Company owner/Representative:

Company name: _____

Address: _____

Date: _____