



Republic of the Philippines
Department of Agriculture
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY
Purok 1A, Pigdaulan, Butuan City
Email: robotuan@philfida.da.gov.ph, Website: www.philfida.da.gov.ph

**Invitation to Bid for the Construction of Abaca
Weaving and Processing Center in Sinai, Sibagat,
Agusan del Sur
Project Identification No. PB-001-2023**

ANNEX B

BILL OF QUANTITIES

PROJECT : ESTABLISHMENT OF WEAVING AND PROCESSING CENTER
 OWNER : PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY (PHILFIDA)
 LOCATION : SINAI, SIBAGAT, AGUSAN DEL SUR

BILL OF MATERIALS/COST ESTIMATES

	PARTICULARS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
I.	MOBILIZATION/DEMobilIZATION	1	LOT		
II.	SOIL TREATMENT/ SOIL POISONING				
	Termiticide	3	liter		
III.	EARTH WORKS				
	Excavation	13	m ³		
	Filling Materials(soil)	23	m ³		
IV.	CONCRETE, MASONRY AND CARPENTRY WORKS				
4.1	REINFORCE CONCRETE				
	Portland cement, 40kg	207	bags		
	Sand	15	m ³		
	Gravel, 3/4" dia	21	m ³		
	Ø16 mm Deformed bar	89	pcs		
	Ø12 mm Deformed bar	112	pcs		
	Ø10 mm Deformed bar	239	pcs		
	GI # 16 Tie wire	33	kgs		
	Concrete nail, 2"	0.50	pcs		
	Cutting wheel, 4" dia.	10	pcs		
4.2	MASONRY				
	4" CHB	2,530	pcs		
	Portland cement, 40kg	100	bags		
	Sand	12	m ³		
	GI # 16 Tie wire	10	kgs		
	Ø10 mm Deformed bar	100	pcs		
4.3	PLASTERING/SMOOTHING/FINISHING				
	Portland cement, 40kg	73	bags		
	Sand	6	m ³		
4.4	SEPTIC VAULT				
	4" CHB	245	pcs		
	Portland cement, 40kg	16	bags		
	Sand	2	m ³		
	Gravel, 3/4" dia	2	m ³		
	GI # 16 Tie wire	3	kgs		
	Ø12 mm Deformed bar	10	pcs		

		PARTICULARS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4.5		CARPENTRY WORKS (WALL)				
		Amakan (Weaved Bamboo Slats), 4'x8'	20	pcs		
		Ordinary Plywood, 1/4"x4'x8'	20	pcs		
		2"x4"x10' S4S, KD, Good Lumber	45	pcs		
		1"x2"x10' S4S, KD, Good Lumber	45	pcs		
		Wood nails flat round head, 2"	11	kg		
		Concrete nails, 5"	1	kg		
		Wood preservatives / Termite guard	7	liters		
		V. FORM WORKS/SCAFFOLDING/SUPPORT				
		Coco lumber, 2"X2"X12', matured	50	pcs		
		Coco lumber, 2"X3"X10', matured	40	pcs		
		1/2" ordinary plywood	15	pcs		
		Assorted common nails	3	kg		
		VI. ROOFING AND FRAMING WORKS				
		Rib-type roof sheets, pre-painted, 0.4mm thk., 1.06m eff. cover, red	163	lm		
		Fascia board, Senepa 12"x12mmx8'	24	pcs		
		C-purlins, 2"x3"x1.2mm	48	pcs		
		Angle bar, 1"x1"x4mm (fascia frame)	20	pcs		
		Flat bar, 1"x4mm (fascia frame)	5	pcs		
		Angle bar, 2"x2"x4mm (C-purlins brace)	3	pcs		
		Tubular, 4"x2"x1.5mm	31	pcs		
		Tex screw, 2"	1,141	pcs		
		5/32" blind revit	550	pcs		
		Self tapping screw, #6x3/4"	150	pcs		
		Sealant	3	can		
		Cutting wheel,4"dia	12	pcs		
		Grinding disc, 4"dia	5	pcs		
		Welding electrode, special	7	kg		
		VII. FABRICATED MATERIALS AND HARDWARES				
	7.1	DOORS/WINDOWS				
		D1 Flush door with Tanguile or mahogany heads and jamb, 2.1mX1.6m, paint coated	1	set		
		D2 Flush door with Tanguile or mahogany heads and jamb, 2.1mX0.80m. paint coated	1	set		
		D3 Flush door, double wall with 1/4" thick plywood and with installed clear glass, with Tanguile or mahogany heads and jamb, 2.1mX0.8m., paint coated (see design and specs)	1	set		
		D4 Flush door with Tanguile or mahogany heads and jamb, 2.1mX0.70m. paint coated	1	set		
		D5 PVC door with jamb, heavy duty, 2.1mX0.6m	1	set		

		PARTICULARS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
		4-5 Pcs 12mm thk. good lumber removable sliding door with jamb	1	set		
		W1 Sliding window in analok frame reflective glass, 1.2mX1.2m (see specs)	6	sets		
		W2 Sliding window in analok frame reflective glass, 0.6mX1.2m (see specs)	3	sets		
		W3 Awning type window in analok frame reflective glass 0.4mX0.4m (see specs)	1	pcs		
		W4 Sliding window in analok frame reflective glass, 0.6mX1.8m (see specs)	1	pcs		
		Hinges, heavy duty	24	sets		
		Heavy duty door lock for double door	1	set		
		Door knob, heavy duty	4	pc		
	7.2	HARDWOOD DIVISION WALL				
		4" x 2" x 10', KD, Good Lumber	13	pcs		
		12" x 1" x 6', KD, Good Lumber	1	pcs		
		Concrete nail, 5"	2	kg		
		Common nail, assorted	1	kg		
		Wood preservatives / Termite guard	1	liters		
	7.3	RAILINGS, DRYING RACKS & COOKING FRAME				
		150mm x 50mm x 2mm black iron tubular	1	pc		
		75mm x 50mm x 2mm black iron tubular	4	pcs		
		50mm x 25mm x 2mm black iron tubular	5	pcs		
		25mm x 25mm x 2mm black iron tubular	1	pc		
		G.I pipe, 1 1/4" I.D. Sch. 40	2	pcs		
		1 1/2" x 1 1/2" x 4mm angle bar	2	pc		
		1 1/2" x 4mm flat bar	1	pcs		
		12mm dia. expansion bolts	12	pcs		
		Epoxy primer	1	gal		
		Epoxy reducer	2	li		
		Enamel paint, QDE, glossy black (for guardrails and handrails)	1	gal		
		Paint brush, 3"	1	pc		
		Paint brush, 2"	2	pcs		
		Cut off wheel, 4" dia	3	pcs		
		Grinding disc, 4" dia	3	pcs		
		Welding electrode	2	kg		
		VIII. PAINTING WORKS				
	8.1	ROOF FRAMES				
		Epoxy primer	10	gal		
		Epoxy reducer	6	gal		

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Topcoat, high gloss, quick dry enamel (fascia)	4	gal		
	Paint brush 3"	4	pc		
	Sand paper, assorted grits	20	pc		
	Round rags	4	kg		
	CABINETS & CUPBOARDS				
	Wood Primer water-based	2	gal		
	Wood Putty	1	gal		
	Wood stain, penetrating, (B-2707 mahogany)	3	gal		
	Sand paper disc, assorted grits	20	pcs		
	Sanding sealer	1	gal		
	Paint brush 3"	4	pc		
	WOOD DIVISION WALL & FLUSH DOORS				
	Sand paper disc, assorted grits	40	pcs		
	Sanding sealer	2	gal		
	Wood stain, penetrating, (B-2707 mahogany) (for flush doors only)	4	gal		
	Varnish, Clear gloss lacquer	4	gal		
	Paint brush 2"	4	pc		
	Paint brush 4"	4	pc		
	WALL INTERIOR AND EXTERIOR (see DED for colors)				
	Concrete neutralizer	4	gal		
	Skimcoat, 25kg	15	bags		
	Primer, Flat Latex, (Flat Latex #701)	8	gal		
	Topcoat, Permacoat Latex, (Healthy Home)	15	gal		
	Quick Drying Enamel, B-683 Caramel Brown	2	gal		
	Paint roller, 9", cotton, with tray	4	pc		
	Paint roller, 4", cotton, with tray	4	pc		
	Sand paper disc, assorted grits	50	pcs		
	Wood stain, penetrating, (B-2707 mahogany)	4	gal		
	Sanding sealer	2	gal		
	Varnish, Clear gloss lacquer	4	gal		
	Paint brush 2"	4	pc		
	Paint brush 4"	4	pc		
	IX. FINISHING WORKS				
9.1	TILE WORKS				
	TOILET & BATH				
	Floor , 20 cm x 20 cm, unglazed, ceramics	55	pcs		
	Wall , 20 cm x 30 cm, glazed, ceramics	174	pcs		
	KITCHEN COUNTER				
	Wall & wash basin, 30 cm x 30 cm, glazed, ceramics	41	pcs		
	Counter, 30 cm x 30 cm, glazed, ceramics	17	pcs		

	PARTICULARS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	OTHERS MATERIALS				
	Tile adhesive, 25 kg	4	bags		
	Tile grout, 2 kg	2	kg		
	Portland Cement	5	bags		
	9.2 WATER CLOSETS, LAVATORIES, AND OTHER TOILET FIXTURES				
	Water closet with flush and bidet, soap and tissue holder, and lavatory with faucet, high quality	1	set		
	Bathroom Mirror	1	pc		
	Shower and faucet, heavy duty	1	set		
	Towel holder	1	set		
	X. SANITARY AND PLUMBING WORKS				
	10.1 WATERLINES				
	PVC pipe, Ø ½" , blue	15	pcs		
	Faucet, ordinary	4	pcs		
	Pipe clamp, 1/2"	40	pcs		
	Gate valve, Ø ½", heavy duty	5	pcs		
	Teflon	10	pcs		
	Assorted Ø ½" pvc elbows, tees and couplings	1	set		
	Water meter, heavy duty	1	set		
	2" x 2" kitchen drain	1	pc		
	Ø 3" PVC pipe orange and P-trap, kitchen drain	1	set		
	10.2 SANITARY				
	4"Ø pvc pipe, orange	7	pc		
	3"Ø pvc pipe, orange, lavatory	2	pc		
	4" x 4" stainless, heavy duty floor drain	2	pc		
	400 cc solvent cement	3	can		
	Assorted 4" PVC elbows, tees, wye, p-trap, and clean-out	1	set		
	Assorted 3" PVC elbows, tees, wye, p-trap, and clean-out	1	set		
	XI. ELECTRICAL & LIGHTINGS				
	18 watts, LED bulb with receptacle, day light, with last up to 10 years mark (firefly)	11	pc		
	9 watts, LED bulb with receptacle, day light, with last up to 10 years mark (firefly)	8	pc		
	Stranded, copper wire, 3.5mm ² THHN	4	box		
	Stranded, copper wire, 8.0mm ² THHN	1	box		
	Duplex convenience outlet, universal, with ground	14	sets		
	1-Gang convenience outlet, universal, with ground	1	set		
	1-Gang Switch with LED Set	4	sets		
	2-Gang Switch with LED Set	1	sets		

	PARTICULARS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	3-Gang Switch with LED Set	3	sets		
	Exhaust fan, 12", 120W, 220v, single	1	set		
	Electrical tape, big	3	pc		
	Plastic tie, 100pcs	2	pack		
	Electrical flexible hose, 1/2" dia. X50m	5	roll		
	Electrical utility box/junction box , orange plastic	40	pcs		
	G.I wire gauge 16	3	kgs		
	Circuit breaker, 2 pole plug-in 15A, 220-240V	1	set		
	Circuit breaker, 2 pole plug-in 20A, screw type, 220-240V	3	pc		
	Circuit breaker, 2 pole plug-in 60A, screw type, 220-240V	1	pc		
	Panel box/ Circuit breaker enclosure with main CB outlet, 2 pole, plug-in breakers, 3X3 branches,	1	box		
	Service drop wire, duplex aluminum, heavy duty	55	m		
	Electric meter	1	pc		
XII.	AREA CLEARING AND PROVISION OF TEMPORARY SITE FACILITIES	1	lot		
		Total Direct Cost			
		Total Indirect Cost			
		Total Taxes			
		Total Contract Cost			

Submitted by:

Signature over printed name

Name of the company: _____

Date signed: _____

*Signature Over Printed Name
of Bidder's Authorized Representative*

Position

Name of Company

Date Signed

REMINDER

Bidder's authorized representative must affix his/her signature. Failure of the authorized representative to sign each page of the Bill of Quantities shall be a cause for rejection of his/her bid.

