



Republic of the Philippines  
Department of Agriculture

**PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY**

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**THE BIDS AND AWARDS COMMITTEE**

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**Invitation to Bid for the Procurement of the  
Construction of Weaving and Processing Center in  
Banaue, Ifugao**

**Project Identification No. PB-004-2023**

**ANNEX B**

**BILL OF QUANTITIES**

PROJECT : ESTABLISHMENT OF WEAVING AND PROCESSING CENTER  
 OWNER : PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY (PHILFIDA )  
 LOCATION : BANAUE, IFUGAO  
 DURATION : SIXTY (60) CALENDAR DAYS

**BILL OF MATERIALS**

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
<b>I. MOBILIZATION/DEMobilIZATION</b>		1	LOT		
<b>II. SOIL TREATMENT/ SOIL POISOING</b>					
	Termitecide	3	Liter		
<b>III. EARTH WORKS</b>					
	Excavation	12.49	m <sup>3</sup>		
	Filling Materials( soil)	40	m <sup>3</sup>		
<b>IV. CONCRETE, MASONRY AND CARPENTRY WORKS</b>					
<b>4.1</b>	<b>REINFORCE CONCRETE</b>				
	Portland cement, 40kg	220	bags		
	Sand, fine	16	m <sup>3</sup>		
	Gravel, 3/4" dia	23	m <sup>3</sup>		
	Ø16 mm Deformed bar	16	pcs		
	Ø12 mm Deformed bar	203	pcs		
	Ø10 mm Deformed bar	149	pcs		
	GI # 16 Tie wire	15	kgs		
	Concrete nail, 2"	55	pcs		
	Cutting wheel,4" dia	10	pcs		
<b>4.2</b>	<b>MASONRY</b>				
	4" CHB	450	pcs		
	6" CHB	1,400	pcs		
	Portland cement, 40kg	70	bags		
	Sand	10	m <sup>3</sup>		
	GI # 16 Tie wire	10	kgs		
	Ø10 mm Deformed bar	100	pcs		
<b>4.3</b>	<b>PLASTERING/SMOOTHING/CLADDING DESIGN</b>				
	Portland cement, 40kg	60	bags		
	Sand	5	m <sup>3</sup>		
<b>4.4</b>	<b>SEPTIC VAULT</b>				
	4" CHB	200	pcs		
	Portland cement, 40kg	13	bags		
	Sand	2.01	m <sup>3</sup>		
	Gravel, 3/4" dia	2	m <sup>3</sup>		
	GI # 16 Tie wire	3	kgs		
	Ø12 mm Deformed bar	8	pcs		
	Ø10 mm Deformed bar	6	pcs		
<b>4.5</b>	<b>CARPENTRY WORKS (WALL)</b>				

	1"X6"X10' S4S, KD, GOOD LUMBER	63	pcs		
	1"X2"X10' S4S, KD, GOOD LUMBER	23	pcs		
	Hardiflex sheet, 4'x8'x1/4"	17	sheets		
	Metal stud, #24, 32mmX76mmx3m	52	pcs		
	5/16x1/2" blind revit	4	box		
	Self tapping screw, #6x3/4"	500	pcs		
	Concrete nail, 1"	150	pcs		
	Wood preservatives / Termite guard	7	liters		
<b>V. FORM WORKS/SCAFFOLDING/SUPPORT</b>					
	Coco lumber, 2"X2"X12', matured	50	pcs		
	Coco lumber, 2"X3"X10', matured	40	pcs		
	1/2" ordinary plywood	15	pcs		
	Assorted common wire nails	20	kg		
<b>VI. ROOFING AND CEILING WORKS</b>					
<b>ROOFING AND FRAMING WORKS</b>					
	Rib-type roof sheets, pre-painted, 0.4mm thk., 1.06m eff. Cover, red	170	lm		
	Spanish fascia/gutter,0.4, pre-painted, gray	26	pcs		
	C-purlins, 2"x3"x1.2mm	41	pcs		
	Angle bar, 1"x3/16" (fascia frame)	5	pcs		
	Angle bar, 2"x1/4" (roof cleats and rafter support)	8	pcs		
	C-purlins, 2"x10"x1.2mm (fascia)	12	pcs		
	Tubular, 4"x2"x2.0mm	22	pcs		
	Tex screw, 2"	1,000	pcs		
	5/32" blind revit	501	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		
	4"Ø pvc pipe, orange (down spout)	7	pc		
	4" x 45 Elbow (down spout)	16	pc		
	Pipe clamp, 4" (down spout)	12	pcs		
<b>CEILING WORKS</b>					
	Metal furring 2x3/4x0.5mm	105	pcs		
	Wall angle 1x1x3m	37	pcs		
	Carrying channel 38mmx10mm	57	pcs		
	Blind rivet 5/16x1/2	5	box		
	Blind rivet 5/16x3/4	5	box		
	Drill bit, 1/8"	5	pcs		
	Hardiflex sheet, 4'x8'x6mm	60	pcs		
	Mesh tape	10	pcs		
	Tie wire	5	kg		
	Self tapping Screw	613	pcs		
	Channel Clip	459	pcs		
	Cornesa, crown profile, 1"x1"x8ft	26	pcs		
	Wood, 1"x1"x8ft (for ceiling ventilation)	20	pcs		
	Finishing nail	1	kg		

<b>VII. FABRICATED MATERIALS AND HARDWARES</b>						
<b>7.1</b>	<b>DOORS / WINDOWS</b>					
	D1 Panel door with Tanguile or mahogany heads and jamb, 2.1mX0.9m, paint coated (see design & specs)	1	set			
	D2 Flush door with Tanguile or mahogany heads and jamb, 2.1mX0.8m. paint coated	4	sets			
	D3 Flush door pvc door heavy duty	1	set			
	W1 Sliding window in analok frame reflective glass ( see specs)	6	sets			
	W2 Awning type window in analok frame reflective glass 0.6X1.5m( see specs)	1	pcs			
	W3 Awning type window in analok frame reflective glass 0.6X0.6m( see specs)	1	pcs			
	Hinges, heavy duty	16	sets			
	Door knob, heavy duty	5	pc			
<b>7.2</b>	<b>VENTILATION/ FIRE CONTROL</b>					
	Exhaust fan, 12", 120W, 220v, single phase, with safety switch	1	set			
	Fire extinguisher, dry chemical 8.0kg, ABC	2	pcs			
<b>7.3</b>	<b>CABINET AND SHELVES</b>					
	3/4" X 4' X 8' Ordinary PlyBoard	6	pcs			
	2" x 3" x 10', Good Lumber	25	pcs			
	1" x 10" x 8', Good Lumber	6	pcs			
	Wood glue/stikwell	2	kg			
	Liston, edge bonder, 1/2"x1"x10'	18	pcs			
	cabinet concealed hinges, heavy duty	18	pcs			
	cabinet door handle, heavy duty	9	pcs			
	drawer door handle, heavy duty	6	pcs			
	drawer door slides, heavy duty	12	pcs			
	Shelf bracket, with tox & screw	12	set			
	Concrete nail	62	pcs			
	Wood preservatives / Termite guard	6	liters			
<b>7.4</b>	<b>RAILINGS &amp; DRYING RACKS</b>					
	G.I pipe, 3" dia. Sch. 40	1	pcs			
	G.I pipe, 2" dia. Sch. 40	1	pcs			
	Stainless steel tube, 19mm dia. 1mm thick	2	pcs			
	Flat bar, 50mmX6mm thick	1	pcs			
	Tox & screw, 1"	12	pcs			
	Enamel paint, QDE, glossy, black	1	liter			
	Paint brush, 2"	2	pcs			
	Cut off wheel, 4"dia	3	pcs			
	Grinding disc, 4"dia	3	pcs			

		Welding electrode	1	kg		
		<b>VIII PAINTING WORKS</b>				
	<b>8.1</b>	<b>ROOF FRAMES</b>				
		Epoxy primer	6	gal		
		Epoxy reducer	4	gal		
		Topcoat, high gloss, quick dry enamel (fascia)	2	gal		
		Paint brush 3"	4	pc		
		Sand paper, assorted grits	20	pc		
		Round rags	4	kg		
		<b>CEILING</b>				
		Epoxy adhesive, all purpose	2	liter		
		Putty	5	gal		
		Latex primer	7	gal		
		Latex Topcoat, high gloss,	12	gal		
		Paint roller, 9", cotton, with tray	4	pc		
		Putty knife	11	pc		
		Paint brush 3"	4	pc		
		Masking tape, 1"	10	pcs		
		Sand paper, assorted grits	50	pc		
		Mesh tape	21	pcs		
		Round rags	3	kg		
		<b>CABINETS, SHELVES &amp; FLUSH DOORS</b>				
		Wood Primer water base	2	gal		
		Wood Putty	2	gal		
		Topcoat, high gloss, quick dry, water base	4	gal		
		Sand paper disc, assorted grits	40	pcs		
		Sanding sealer	2	gal		
		Paint roller, 4", cotton, with tray	2	pc		
		<b>WALL INTERIOR AND EXTERIOR (see DED for colors)</b>				
		Concrete Neutralizer	4	gal		
		Skimcoat, 25kg	23	bags		
		Primer, Flat Latex, (Flat Latex #701)	13	gal		
		Topcoat, Permacoat Latex, (Healthy Home)	20	gal		
		Paint roller, 9", cotton, with tray	4	pc		
		Paint roller, 4", cotton, with tray	4	pc		
		Sand paper disc, assorted grits	70	pcs		
		Wood stain, penetrating, (B-2707 mahogany)	4	gal		
		Sanding sealer	2	gal		
		Varnish, Clear gloss lacquer	4	gal		
		<b>IX. FINISHING WORKS</b>				
	<b>9.1</b>	<b>TILE WORKS</b>				
		<b>TOILET &amp; BATH</b>				
		Floor , 60 cm x 60 cm, unglazed, ceramics	11	pcs		
		Wall , 30 cm x 60 cm, glazed, ceramics	28	pcs		
		<b>KITCHEN COUNTER</b>				
		Wall , 60 cm x 60 cm, glazed, ceramics	8	pcs		
		Counter, 60 cm x 60 cm, glazed, ceramics	15	pcs		

	<b>EXTERIOR WALL</b>				
	Wall , 20 cm x 60 cm, ceramics (wood texture)	100	pcs		
	<b>FLOOR TILES</b>				
	Floor , 60 cm x 60 cm, unglazed, ceramics (Interior flooring)	174	pcs		
	Floor , 30 cm x 60 cm, unglazed, ceramics (terrace)	42	pcs		
	<b>OTHERS MATERIALS</b>				
	Tile adhesive, 25 kg	12	bags		
	Tile grout, 2 kg	15	kgs		
	Sand	2.0	cbm		
	Portland Cement	15	bags		
<b>9.2</b>	<b>WATER CLOSETS, LAVATORIES, AND OTHER TOILET FIXTURES</b>				
	Water closet with flush and accessories, with soap and tissue holder and lavatory high quality	1	set		
	Bathroom Mirror	1	unit		
	Towel holder	1	set		
<b>X</b>	<b>SANITARY AND PLUMBING WORKS</b>				
	<b>10.1 WATERLINES</b>				
	PVC pipe, Ø ½" , blue	15	pcs		
	Faucet, heavy duty	5	pcs		
	Pipe clamp, 1/2"	41	pcs		
	Gate valve, 1/2", metal, heavy duty	4	pcs		
	Teflon	6	pcs		
	Assorted 1/2" pvc elbows, tees and couplings	1	set		
	Water meter, heavy duty	1	set		
	16" x 24" S/S Kitchen Sink	1	set		
	<b>10.2 SANITARY</b>				
	4"Ø pvc pipe, orange	8	pc		
	2"Ø pvc pipe, orange	7	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 2" PVC elbows, tees, wye, p-trap, and clean-out	1	set		
<b>XI</b>	<b>ELECTRICAL &amp; LIGHTINGS</b>				
	18 watts, LED bulb, day light, with last up to 10 years mark (firefly)	14	pc		
	9 watts, LED bulb, day light, with last up to 10 years mark (firefly)	7	pc		
	Recessed bulb housing with glass cover	21	pc		
	Stranded, copper wire, 3.5mm <sup>2</sup> THHN	4	box		
	Stranded, copper wire, 8.0mm <sup>2</sup> THHN	1	box		

	Duplex convenience outlet, universal, with ground	14	sets		
	1 Gang Switch with LED Set	6	sets		
	2 Gang Switch with LED Set	1	sets		
	3 Gang Switch with LED Set	1	sets		
	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 inclosure 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	<b>BUILDING PERMIT PROCESSING, PROF. FEE ( signature of PEE and MP/SE) AND OTHER CLEARANCES</b>	1	lot		
XIII	<b>AREA CLEARING AND PROVISION OF TEMPORARY SITE FACILITIES</b>	1	lot		
<p><b>a. Total Material Cost</b> _____</p> <p><b>b. Total Labor Cost</b> _____</p> <p><b>c. Total Direct Cost (a+ b)</b> _____</p> <p><b>d. Total Indirect Cost (17%)</b> _____</p> <p><b>e. Taxes (12%)</b> _____</p> <p><b>f. Total Contract Cost (c+d+e)</b> _____</p>					
<p><b>Submitted by:</b></p> <p>_____</p> <p><b>Signature over printed name</b></p> <p>Name of company: _____</p> <p>Date signed: _____</p>					

\_\_\_\_\_  
*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 and every page of the Bill of Quantities shall be a cause for rejection of his/her bid.***