

Republic of the Philippines
Department of Agriculture

PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY

3/F DA-PCAF Bldg., Department of Agriculture, Elliptical Rpad, Diliman, Quezon City

THE BIDS AND AWARDS COMMITTEE

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Invitation to Bid for the Procurement of Weaving and Processing Center in Ibaan, Batangas

Annex B.1

Bill of Quantities

Project : CONSTRUCTION OF WEAVING AND PROCESSING CENTER IN
 IBAAN, BATANGAS

Name of Company :

Address :

Duration : NINETY (90) CALENDAR DAYS

BILL OF MATERIALS / COST ESTIMATE

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
I.	MOBILIZATION/DEMOBILIZATION	1	lot		
				<i>Contract Cost</i>	
II.	SOIL TREATMENT/ SOIL POISONING				
	Termiticide	18	liter		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				<i>Contract Cost</i>	
III.	EARTHWORKS				
	Excavation	16	m ³		
	Filling Materials(soil)	23	m ³		
				Direct Cost	
				Indirect Cost	
				Tax	
				<i>Contract Cost</i>	
IV.	CONCRETE, MASONRY & CARPENTRY WORKS				
	4.1 REINFORCED CONCRETE				
	Portland cement, 40kg	208	bags		
	Sand	16	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	240	pcs		
	GI # 16 Tie wire	33	kgs		
	Concrete nail, 2"	1	kg		
	Cutting wheel, 4" dia.	10	pcs		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				<i>Contract Cost</i>	
	4.2 MASONRY				
	4" CHB	2,531	pcs		
	Portland cement, 40kg	100	bags		
	Sand	13	m ³		
	GI # 16 Tie wire	10	kgs		
	Ø10 mm Deformed bar	100	pcs		
				Material Cost	

				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
4.3	PLASTERING/SMOOTHING/FINISHING				
	Portland cement, 40kg	74	bags		
	Sand, fine	7	m ³		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
4.4	SEPTIC VAULT				
	4" CHB	246	pcs		
	Portland cement, 40kg	16	bags		
	Sand	3	m ³		
	Gravel, 3/4" dia	2	m ³		
	GI # 16 Tie wire	3	kgs		
	Ø12 mm Deformed bar	10	pcs		
	Ø10 mm Deformed bar	26	pcs		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
4.5	CARPENTRY WORKS (WALL)				
	Amakan (Weaved Bamboo Slats), 4'x8'	20	pcs		
	Marine Plyboard, 1/4"x4'x8'	40	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"	10	kg		
	Concrete nails, 5"	1	kg		
	Wood preservatives / Termite guard	10	liters		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
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		
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	

					Tax	
					Contract Cost	
VI.	ROOFING AND CEILING WORKS					
	6.1	ROOFING AND FRAMING WORKS				
		Rib-type roof sheets, pre-painted, 0.4mm thk., 1.06m eff. cover, red	163	lm		
		Box gutter, 0.5mm, pre-painted, red	5	pcs		
		Box flashing, 0.5mm, pre-painted, red	19	pcs		
		Fascia board, Senepa 12"x12mm	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		
		C-purlins, 2"x10"x1.2mm (fascia)	48	pcs		
		Tubular, 4"x2"x2.0mm	31	pcs		
		Tex screw, 2"	1,141	pcs		
		Blind revit, 5/32"	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		
		4"Ø pvc pipe, orange (down spout)	6	pc		
		4" x 45° Elbow (down spout)	15	pc		
		Pipe clamp, 4" (down spout)	20	pcs		
					Material Cost	
					Labor Cost	
					Direct Cost	
					Indirect Cost	
					Tax	
					Contract Cost	
	6.2	CEILING WORKS				
		Metal furring 2"x3/4"x0.5mm	109	pcs		
		Wall angle 1x1x3m	28	pcs		
		Carrying channel 38mmx10mm	55	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'x3.5mm	55	pcs		
		Joint perforated tape	2	rolls		
		Joint putty	2	pails		
		Tie wire	5	kg		
		Self tapping Screw	613	pcs		
		Channel Clip	459	pcs		
		Cornesa, crown profile, 1"x1"x8ft	34	pcs		
		Wood, 1"x1"x8ft (for ceiling ventilation)	60	pcs		
		Finishing nail	1	kg		
					Material Cost	
					Labor Cost	
					Direct Cost	
					Indirect Cost	
					Tax	

				<i>Contract Cost</i>	
VII.	FABRICATED MATERIALS AND HARDWARES				
	7.1	DOORS / WINDOWS			
		D1 Panel door with Tanguile or mahogany heads and jamb, 2.1mX1.6m, paint coated	1	set	
		D2 Panel door with Tanguile or mahogany heads and jamb, 2.1mX0.8m. 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	
		D2 Panel door with Tanguile or mahogany heads and jamb, 2.1mX0.70m. paint coated	1	set	
		D5 Flush pvc door with jamb, heavy duty, 2.1mX0.6m	1	set	
		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, with grills and screen (see specs)	6	sets	
		W2 Sliding window in analok frame reflective glass, 0.6mX1.2m, with grills and screen (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, with grills and screen (see specs)	1	pcs	
		Hinges, heavy duty	24	sets	
		Heavy duty door lock for double door	1	set	
		Door knob, heavy duty	4	pc	
				Material Cost	
				Labor Cost	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
	7.2	VENTILATION/FIRE CONTROL			
		Exhaust fan, 12", 120W, 220V, single phase, with safety switch	1	set	
		Fire extinguisher, dry chemical 8.0kg ABC	2	pcs	
				Direct Cost	
				Indirect Cost	
				Tax	
				Contract Cost	
	7.3	SINK & HANGING CABINETS			
		3/4" x 4' x 8' Ordinary Plyboard	2	pcs	
		2" x 3" x 10', Good Lumber (Sink Cabinets)	2	pcs	
		2" x 2" x 10', Good Lumber (Hanging	1	pcs	

Signature over Printed Name
of 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.