

PROJECT: **Supply of labor and materials for the improvement of the FPUL chemical, wet lab and dynamic spinning machine areas based from the following scope of works, specification and attached technical drawings**

OWNER : **PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY**

LOCATION : **BAI. COMPOUND, VISAYAS AVENUE, VASRA, QUEZON CITY**

DURATION: **SIXTY (60) WORKING DAYS**

BILL OF MATERIALS

PROJECT A. PROVISION OF ENCLOSURE FOR FPUL WET LABORATORY AREA

PARTICULARS		QUANTITY	UNIT	UNIT PRICE	AMOUNT
I. AREA PREPARATION, SITE CLEARING & PROVISION					
	OF SITE TEMPORARY ENCLOSURE	1	lot		
II. INSTALLATION OF FIXED GLASS PARTITION					
	2" x 4" Aluminum, tubular	14	pcs		
	Snap on base and corner (50 BC)	24	pcs		
	1/4" Clear glass, 6' x 4'	15	pcs		
	Screw (chrome)	3	box		
	Blind rivets	3	box		
	Sealant (brown)	20	pcs		
	Toks	3	box		
	4" x 4" x 6mm Angle bar	2	pcs		
	10mm X 1" expansion bolt	50	pcs		
III. INSTALLATION OF FLOOR GRATE					
	1" x 1" x 6mm Angle bar	3	pcs		
	10mm Square bar	5	pcs		
	Checkered plate	1	pc		
	Welding rod	3	kg		
	Metal cutting disc, 4"	10	pcs		
	Grinding disc, 4"	5	pcs		
	Red oxide	1	li		
	Thinner	1	li		
	Paint brush, 2"	2	pcs		
IV. FABRICATED MATERIALS AND HARDWARES					
	Two panel sliding pocket-type door, 1.5mW X 2.1mH	1	set		
	Single panel sliding pocket type door, 1meterW X 2.1mH	1	set		
	Executive door, 0.85mW X 2.1mH	1	set		
V. DEMOLITION & REPAIR OF TUB (WASH BASIN)					
		1	lot		
VI. DEMOLITION & REPAIR OF BOTTOM FLOORING					
		1	lot		
VII. RELOCATION OF ELECTRICAL PANEL & WIRINGS AND CUPBOARD					
		1	lot		
VIII. RESTORATION OF FLOOR, WALLS, CEILING, TILES & PAINT					
		1	lot		

PROJECT B. IMPROVMENTS OF CHEMICAL AND WET LAB. OF FPUL

PARTICULARS		QUANTITY	UNIT	UNIT PRICE, P	AMOUNT, P
I. SITE/AREA CLEARING/REMOVAL OF EXSISTING OBSTRUCTION/CONCRETE FLOOR & WALL CHIPPING					
		2	lot		
II. TEMP. CONSTRUCTION AREA ENCLOSURE					
		2	lot		
III. RESTORATION WORKS					
	Portland cement	10	bags		
	Sand	2	m ³		
	Floor Tiles, 30x30cm (chemical lab)	40	pcs		
	Wall Tiles, 30x30cm (chemical lab)	20	pcs		
	Floor Tiles, 60x60cm (Wet lab)	10	pcs		
	Wall Tiles, 30x30cm (Wet lab)	15	pcs		
	Tile grout	3	bags		
	Tile adhesive	3	bags		
	Assorted paints and putty	1	lot		
	Paint roller	1	pcs		
	Paint brush, 2"	2	pcs		

PARTICULARS		QUANTITY	UNIT	UNIT PRICE, P	AMOUNT, P
	Rags	3	kgs		
	Sand paper	20	pcs		
	GI # 16 Tie wire	3	kgs		
	Concrete nail, 2"	29	pcs		
IV. PLUMBING WORKS					
	PVC pipes, 3" dia. Orange	5	pcs		
	PVC pipes, 2" dia. Orange	3	pcs		
	Ppr pipes, 1" dia.	4	pcs		
	Assorted pipe fittings	1	lot		
	Solvent cement	3	can		
	Floor drain, S/S, 4X4"	3	pcs		
	Teflon tape	5	pcs		
V. HARDWARES					
	Shower head, stainless steel, rectangular, 10"X10", high quality, with accessories	2	pcs		
	Shower curtain railings, stainless steel, curved	2	pcs		
	Shower curtain, waterproof, pvc, clear, high quality	2	set		
	Shower lever handle, stainless steel, 1", high quality	2	pc		

PROJECT C. Provision of ceiling, lighting, floor tiles, counter cabinets, and painting of ceiling at Dynamic Spinning Machine Area

I. Provision of Ceiling					
	¼" X 4' X 8' Marine Pywood	15.00	pc		
	2" x 3" x 12' Rough Lumber	8.00	pc		
	2" x 2" x 12' Rough Lumber	30.00	pc		
	3" Concrete Nail	2.00	kg		
	2½" CWN	2.00	kg		
	1" Finishing Nail	2.00	kg		
	Ceiling edging, decorative, 1/2" x 1" x 8' edging	8.00	pcs		
	Wood Preservative, colorless	1.00	gal		
II. Provision of Lighting					
	1-16 watts, S-COB LED Lumens light Output: 1,600 Lm Performance Range: 185v-265v Frosted Polycarbonate Cover Ingress Protection (IP) 54 Daylight, 26mmØ x 1200mmL Louver type with anodized aluminum reflector, 12" x 48" Similar to fumaco modena model or approved equivalent recess type	3.00	set		
	Electric copperwire 3.5mm ² THHN	1/4	roll		
	Three (3) gang tumbler switch	1.00	set		
	Electrical tape	1.00	roll		
	pvc pipe 15mmØ x 3m	4.00	lts		
	pvc coupling 15mmdia	3.00	pc		
	pvc adapter 15mmdia	3.00	pc		
	metal bushing 15mmdia	8.00	pc		
	u-bolt with plastic tox and screw	12.00	pc		
	utility box gauge 16 metal	1.00	pc		
	metal octagonal box gauge 16	2.00	pc		
	metal square box	2.00	pc		
	pvc solvent cement 400cc	1.00	can		
	g.i. wire gauge 16	1.00	kg		
	red lead paint	1/4	gal		
	paint brush 3" dia	1.00	pc		
	hacksaw blade	1.00	pc		
III. Installation of Floor Tiles					
	Ceramic floor tiles, 60 cm x 60 cm	60.00	pc		
	Tile adhesive, heavy duty, 25 kg/bag	5.00	bag		
	Tile grout, 2 kg/bag	6.00	bag		
	Tile adhesive modifier	3.00	L		

PARTICULARS		QUANTITY	UNIT	UNIT PRICE, P	AMOUNT, P
IV. Installation of Counter Cabinets					
	2" x 2" x 12' kd lumber	5.00	pc		
	¾" x 4' x 8' Plywood	3.00	pc		
	½" x 4' x 8' Plywood	3.00	pc		
	1/2" x 1" x 10' KD Lumber	8.00	pc		
	Hinge, 30 mm x 65 mm	30.00	pc		
	Drawer guide/roller, 24"	12.00	pair		
	Wood glue	1.00	kg		
	1" Finishing nail	2.00	kg		
	Cabinet door closer/catches	22.00	sets		
	Cabinet door/drawer lock	22.00	sets		
	Cabinet handle	12.00	sets		
	wood screw, 1/2"L	200.00	pcs		
V. Painting of Ceiling and Counter Cabinets					
	Wood Primer, water-based	2.50	4L		
	Top coat,white, Biofresh	2.00	4L		
	Top coat, vintage brown, Biofresh	2.00	4L		
	Wood putty, Biofresh	1.00	4L		
	Paint roller, 7"	1.00	pc		
	Paint roller, 4"	1.00	pc		
	Roller tray for Paint roller, 7"	1.00	pc		
	Roller tray for Paint roller, 4"	1.00	pc		
	Paint brush, 3"	1.00	pc		
	Paint brush, 1½"	1.00	pc		
	Paint brush, 1"	1.00	pc		
	Sand paper	10.00	pc		
	Rugs	1.00	kg		
	Putty plate	1.00	pc		

a. Total Direct Cost (Mat.+ Labor)

b. Total Indirect Cost (17%)

c. Taxes (12%)

d. Total Contract Cost (a+b+c)

Submitted by:

Signature over printed name

Name of company: _____

Date signed: _____