



**SOUTHERN LEYTE STATE UNIVERSITY
SOGOD, SOUTHERN LEYTE**

Project: PROPOSED COMPLETION OF ENGINEERING & TECHNOLOGY (MECHATRONICS) BUILDING

Location: SLSU MAIN CAMPUS, SOGOD, SOUTHERN LEYTE

Owner: SOUTHERN LEYTE STATE UNIVERSITY

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1.00	GENERAL REQUIREMENTS				
	Mobilization / Demobilization				
	Temp.Facil		lot		
	SUB-TOTAL				
2.00	EARTH WORKS				
	Excavation		cu.m.		
	Backfilling/filling materials		cu.m.		
	SUB-TOTAL				
3.00	CONCRETE WORKS				
3.1	<i>Footing (Column & Stair)</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	20 mmØ Steel Bars Structural Grade 40		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.2	<i>Footing Tie Beam</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	16 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.3	<i>Slab - L1</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.4	<i>Slab - L2</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	12 mmØ Steel Bars Structural Grade 40		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.5	<i>Column - L1</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		

	20 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.6	<i>Column - L2</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	20 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.7	<i>Beam - L2</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	20 mmØ Steel Bars Structural Grade 40		pcs.		
	16 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.8	<i>Roof Beam</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	16 mmØ Steel Bars Structural Grade 40		pcs.		
	12 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.9	<i>Stair - L1 to L2</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	16 mmØ Steel Bars Structural Grade 40		pcs.		
	12 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
3.10	<i>Canopy and Lintel Beam</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	12 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
4.00	FORM WORKS/ SCAFFOLDINGS				
4.1	<i>Slab - L2</i>				
	1/4" x4'x8' Ordinary Plywood		sheets		
	2"x3"x12' Coco Lumber		pcs.		
	Common wire nails # 1 ½		kg.		
	Common wire nails # 2 ½		kg.		

	Common wire nails # 4		kg.		
	SUB-TOTAL				
4.2	<i>Column - L1</i>				
	1/4" x4'x8' Ordinary Plywood		sheets		
	2"x3"x12' Coco Lumber		pcs.		
	2"x2'x12' Coco Lumber		pcs.		
	Common wire nails # 1 ½		kg.		
	Common wire nails # 2 ½		kg.		
	Common wire nails # 4		kg.		
	SUB-TOTAL				
4.3	<i>Column - L2</i>				
	1/4" x4'x8' Ordinary Plywood		sheets		
	2"x3"x12' Coco Lumber		pcs.		
	2"x2'x12' Coco Lumber		pcs.		
	Common wire nails # 1 ½		kg.		
	Common wire nails # 2 ½		kg.		
	Common wire nails # 4		kg.		
	SUB-TOTAL				
4.4	<i>Roof Beam</i>				
	1/4" x4'x8' Ordinary Plywood		sheets		
	2"x3"x12' Coco Lumber		pcs.		
	2"x2'x12' Coco Lumber		pcs.		
	Common wire nails # 1 ½		kg.		
	Common wire nails # 2 ½		kg.		
	Common wire nails # 4		kg.		
	SUB-TOTAL				
4.5	<i>Stair - L1 to L2</i>				
	1/4" x4'x8' Ordinary Plywood		sheets		
	2"x3"x12' Coco Lumber		pcs.		
	2"x2'x12' Coco Lumber		pcs.		
	Common wire nails # 1 ½		kg.		
	Common wire nails # 2 ½		kg.		
	Common wire nails # 4		kg.		
	SUB-TOTAL				
5.00	MASONRY WORKS				
5.1	<i>Wall and plant box</i>				
	CHB 4"		pcs.		
	CHB 6" (from tie beam to level 1)		pcs.		
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	SUB-TOTAL				
6.00	CANPENTRY WORKS				
6.1	<i>Ceiling</i>				
	Hardiflex 1.20m x2.40m x1/4" thk.		sheets		
	Double Metal Furring Channel		lights		
	Currying Channel		lights		
	Wall Angle 1"x1"x4mmx8'		lights		
	Hardiflex Screw		pcs.		
	Blind rivets, 5/32"x3/4"		pcs.		
	Wall Clip		pcs.		
	#12 Hanger wire		kgs		

	SUB-TOTAL			
7.00	DOORS & WINDOWS			
	D1, Swing Glass Door (Heavy Duty)w/ Powder Coated Frame (1.00r	sets		
	D2, Solid Wood Panel Door with Jamb (0.90m. x 2.10m.)	sets		
	W1, Sliding Glass Win.(1/4"xW-2.40m.xH-1.50m.)w/ 1¾"x 3" Powd	sets		
	W2, Sliding Glass Win.(1/4"xW-2.30m.xH-0.60m.)w/ 1¾"x 3" Powd	sets		
	W3, Sliding Glass Win.(1/4"xW-1.20m.xH-0.60m.)w/ 1¾"x 3" Powd	set		
	Cylindrical Lockset	sets		
	Loose pin Hinges (3½"x 4")	pairs		
	SUB-TOTAL			
8.00	TILEWORKS			
	Portland cement 40 kg. type 1	bags		
	Fine sand	cu.m.		
	0.40m x 0.40m (Textured Floor tiles 2nd flr.)	pcs.		
	0.40m x 0.40m (Textured Floor tiles Male & Female CR)	pcs.		
	0.40m x 0.40m (Glazed premium Wall tiles Male & Female CR)	pcs.		
	Granite Counter Slab, 0.60m. x 2.4m	pc		
	Tile trim	pcs.		
	ABC grout (2kls/bag)	bags		
	SUB-TOTAL			
9.00	ROOFING WORKS			
	10mmthk Double Sided PE Foam Insulation	sq.m.		
	GI Tie Wire #14	rolls		
	0.50mm thk Twin-Rib Type Pre-Painted Long span Roofing	sq.m.		
	Ridge Roll, Pre-Painted, 0.610m x 2.44m x 0.5mm thk	pcs		
	Metal Fascia 10", Pre-Painted	pcs		
	Tex Screw 2 1/2" full thread	pcs		
	Blind rivets	pcs.		
	Silicone Sealant, clear	pcs		
	Vulca Seal	gal		
	2"x2"x1/4"thk Angle Bar (standard)	length		
	2"x2"x3/16"thk Angle Bar (standard)	length		
	1" x 1" 3/16" Angle Bar @ 6m. Length (standard)	length		
	1"x1/4"x 6m. Flat bar (standard)	length		
	2"x 4"x 20'x 1.5mm. C-Purlins	length		
	Steel Plate 1.20m x 2.40m x 6mm thk (Gusset Plate)	sheet		
	Steel Plate 1.20m x 2.40m x 12mm thk (Base Plate)	sheet		
	Anchor Bolt 16mmØ x 50mm x 300mm Long w/ Nuts and Washer	pcs		
	20mmØ Turnbuckle	pcs		
	Rust Converter	gals		
	Welding Rod	boxes		
	16mm dia. Round Bars Cross Bracing	length		
	10mm dia. @ 6m. length. RSB	length		
	Red Lead Paint	gals.		
	Paint Thinner	gals.		
	Roller Brush 4"	pcs.		
	Paint Brush 3"	pcs.		
	Paint Brush 2"	pcs.		
	SUB-TOTAL			
10.00	PAINTING WORKS			
	Quick Dry Enamel Paint, Gloss	gals.		
	Flatwall Enamel Paint	gals.		
	Acrylic Latex Paint, Gloss	gals.		

	PPR Coupling 1/2"Ø		pcs.		
	PPR Coupling 1"Ø		pcs.		
	PPR Union 1/2"Ø		pcs.		
	PPR Union 1"Ø		pcs.		
	PPR Gate Volve 1/2"Ø		pcs.		
	PPR Gate Volve 1"Ø		pcs.		
	PPR Male adopter 1/2"Ø		pcs.		
	PPR Male adopter 1"Ø		pcs.		
	PPR Female adopter 1/2"Ø		pcs.		
	SUB-TOTAL				
11.4	<i>Septic Tank</i>				
	Portland Cement,40 kg. (Type 1)		bags		
	Washed sand		cu.m.		
	Gravel,3/4		cu.m.		
	12 mmØ Steel Bars Structural Grade 40		pcs.		
	10 mmØ Steel Bars Structural Grade 33		pcs.		
	#16 Tie Wire		kgs		
	CHB 6"		pcs.		
12.00	RAILINGS AND OTHER ARCHITECTURAL				
	2" x 6" x 5.7mm x 6.0m Tubular (standard)		length		
	1" x 3" x5.7mm x 6.0m Tubular (standard)		length		
	1/4" x 1½" x 6.0m Flat bar (standard)		length		
	16mm x 16mm x 6.0m Square bar (standard)		length		
	2" x 2" x 5.7mm x 6.0m Tubular (standard)		length		
	Welding Rod		box		
	Polycarbonate 4"x8"		pcs.		
	H-clep		pcs.		
	U-clep		pcs.		
	Tex Screw 1½" (full thread)		pcs.		
	Silicone sealant		pcs.		
	SUB-TOTAL				
13.00	ELECTRICAL WORKS				
13.1	<i>Breaker</i>				
	Circuit breaker, 15 AT, 2P (bolt-on type)		units		
	Circuit breaker, 20 AT, 2P (bolt-on type)		units		
	Circuit breaker, 30 AT, 2P (bolt-on type)		units		
	SUB-TOTAL				
13.2	<i>Lighting Fixtures</i>				
	21 Watts T5 Fluorescent Lamp (Day Light)(1st Floor)		sets		
	LED Circular Downlight 8"Ø, 20 Watts (Day Light)(2nd Floor)		sets		
	LED Circular Downlight 6"Ø, 12 Watts (Day Light) CR		sets		
	Surface type Downlight 4"Ø,24W with housing (69400 white)		sets		
	56" Industrial Ceiling Fan		sets		
	SUB-TOTAL				
13.3	<i>Wires & Cables</i>				
	5.5 mm ² , THHN Wire (Stranded)		box		
	3.5 mm ² , THHN Wire (Stranded)		boxes		
	2.0 mm ² , THHN Wire (Stranded)		boxes		
	SUB-TOTAL				
13.4	<i>Conduit Pipes and Fittings</i>				
	PVC Conduit pipe, 3/4 in. dia.		length		
	PVC Conduit pipe, 1/2 in. dia.		length		

	PVC Junction box /cover, 4"x4"		pcs.		
	PVC Utility box, 2"x4"		pcs.		
	Electrical Tape (big)		rolls		
	SUB-TOTAL				
13.5	<i>Wiring Devices</i>				
	Switch, Flush Type,3-Gang "Wide series"		set		
	Switch, Flush Type,2-Gang "Wide series"		sets		
	Switch, Flush Type,1-Gang "Wide series"		sets		
	Switch, Flush Type,1-Gang 3-way "Wide series"		set		
	Duplex Convenience Outlet, Flush Type "Wide series"		sets		
	ACU Outlet, Flush Type,1-Gang "Wide series"		sets		
	SUB-TOTAL				

Total Material cost

A. DIRECT COST

- 1 Material Cost
- 2 Labor Cost (30% of A.1)
- 3 General Requirements
- 4 Earth Works
- 5 Chipping of existing beam for connection of canopy and demolishing portion of parapet wall for sky way

SUB-TOTAL

B. INDIRECT COST

- 1 Contingency Allow. (5% of A.1)
- 2 VAT, Taxes, Misc. (7% of A.1-5 + B.1)
- 3 Contractor's Profit (10% of A.1-5)

SUB-TOTAL

C. ADMINISTRATIVE COST

- 1 Supervisions Cost (Management Technical Inspectors Team)
- 2 Advertising Cost

SUB-TOTAL

TOTAL PROJECT COST

Prepared by: