

ANNEX C



Republic of the Philippines
SOUTHERN LEYTE STATE UNIVERSITY
Hinunangan Campus
 Ambacon, Hinunangan, Southern Leyte
 Website: www.slsuonline.edu.ph/hinunangan
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 Telephone: (053) 589 1056 / Mobile: 09171127943
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DETAILED ESTIMATES

Name of Project: **Completion of Students Welfare and Development Center (Completion of Students Development Center)**
SLSU-Hinunangan Campus, Hinunangan, Southern Leyte
 Appropriation: **₱22,770,000.00**

ITEM NO.	ITEM DESCRIPTION	QTY.	UNIT	MATERIAL COST		LABOR COST		TOTAL
				Unit Cost	Amount	Unit Cost	Amount	
1.0	General Requirements							
1.1	Temporary facilities/utilities, water and electrical facilities, safety protection, personal protective equipment (PPE) & protection fences	1.00	lot					
1.2	Permits (Building and Occupancy including Fire Alarm & Fire Extinguisher requirement), As-Built Plans (Original + 3 Sets Copies), Project Sign Board	1.00	lot					
1.3	Material Testing	1.00	lot					
	Sub-Total							
2.0	Site Works							
	Site clearance and preparation	1.00	lot					
	Demolition/chipping works	1.00	lot					
	Sub-Total							
3.0	Earthworks							
3.1	Excavation	162.91	cu.m.					
3.2	Backfilling and compaction	642.24	cu.m.					
	Sub-Total							
4.0	Reinforced Concrete Works							
4.1	Concrete Works	408.32	cu.m.					
	Column Footing	30.85	cu. m.					
	Concrete Columns	43.31	cu. m.					
	Tie Beam	15.38	cu. m.					
	Wall footing, lintel beams	3.00	cu. m.					
	Concrete Beams	49.36	cu. m.					
	Slab on Grade	205.47	cu. m.					
	Floor Slab	22.55	cu. m.					
	Bleachers	36.00	cu. m.					
	Stairs	2.40	cu. m.					
	Ramps	4.32	cu. m.					
	Parapet wall, gutters etc	16.16	cu. m.					
4.2	Rebar Works	38,937.85	kgs.					
	Column Footing	3,150.48	kgs.					
	Concrete Columns	8686.818	kgs.					
	Tie Beam	3,789.81	kgs.					
	Wall footing, lintel beams	330.00	kgs.					
	Concrete Beams	10,541.04	kgs.					
	Slab on Grade	5,144.30	kgs.					
	Floor Slab	1,803.60	kgs.					
	Bleachers	2,160.00	kgs.					
	Stairs	799.20	kgs.					
	Ramps	1,422.00	kgs.					
	Parapet wall, gutters, etc	1,110.60	kgs.					
	Sub-Total							
5.0	Formworks & Scaffolding							
5.1	Formworks	1.00	lot					
5.2	Scaffolding Works	1.00	lot					
	Sub-Total							
6.0	Masonry Works							
	Exterior & Interior Walls, Division, Bleachers, Septic Tank, etc	1,268.00	sq.m.					



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6.1	Laying of 150mm. CHB, plastering & rebars	883.00	sq.m.					
6.2	Laying of 100mm. CHB, plastering & rebars	385.00	sq.m.					
Sub-Total								
7.0	Doors, Windows and Glass Walls							
7.1	Doors							
	D1: Double leaf, heavy duty metal door with glazing window and panic hardware (2.0 x 2.1)	6	sets					
	D2: Solid panel door (0.8 x 2.1)	8	sets					
	D3: Sliding door with louver (1.0 x 2.1)	2	sets					
	D4: Solid panel door with glazing window (0.8 x 2.1)	5	sets					
	D5: Solid panel door with glazing window (1.0 x 2.1)	1	set					
	D6: Double leaf, solid panel door with glazing window (1.6 x 2.1)	2	sets					
	D7: Toilet wooden flush door with toilet lock indicator (vacant/engaged) (0.6 x 2.1)	27	sets					
7.2	Windows							
	W1: Awning window with aluminum frame analoc finish (2.0 x 0.4)	14	sets					
	W2: Awning window with aluminum frame analoc finish (3.94 x 0.4)	8	sets					
	W3: Wood window with beehives design (1.43 x 1.9)	2	sets					
	W4: Awning window with aluminum frame analoc finish (0.34 x 2.24)	6	sets					
	W5: Awning window with aluminum frame analoc finish (4.8 x 2.04)	1	set					
	W6: Cleared window with aluminum frame (4.53 x 1.3)	1	set					
	W7: Sliding window with aluminum frame analoc finish (1.2 x 1.2)	11	sets					
	W8: Awning window with aluminum frame analoc finish (1.2 x 0.4)	4	sets					
	W9: Sliding window with aluminum frame analoc finish (2.4 x 1.2)	2	sets					
7.3	Glass walls							
	6mm thk fixed glass on aluminum frame	95	sq.m					
Sub-Total								
8.0	Iron & Steel Works							
8.1	Water tank tower	1	set					
8.2	Access ladder with cage (access to roof)	1	lot					
8.3	Ramp Handrails & Railings							
	SS Pipe 2" Ø x 6m Sch. 20	20.00	length					
	SS Pipe 1" Ø x 6m Sch. 20	80.00	length					
	Welding Rod	100.00	kgs.					
Sub-Total								
9.0	Finishing Works							
9.1	Floor Finishes							
	Wood tiles (basketball court)	720.00	sq.m.					
	600mm x 600mm floor tiles (offices)	157.42	sq.m.					
	600mm x 600mm unglazed tiles (CR floor)	65.05	sq.m.					
9.2	Wall Finishes							



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	600mm x 600mm glazed tiles (CR wall)	120.71	sq.m.					
	600mm x 600mm exterior decorative tiles	53.95	sq.m.					
	600mm x 600mm interior decorative tiles (stage area)	120.93	sq.m.					
9.3	Decorative concrete moulding	60.00	l.m.					
	Sub-Total							
10.0	Electrical Works							
10.1	Panel Board and Breaker							
	Main Distribution Panel (MDP), 300 AT/450 AF, 3P, MCCB, 6 branches, bolt – on type center main , with the following branch circuit breakers: 175 AT (1 unit), 125 AT (2 units), 100 AT (1 unit), 80 AT (1 unit), 60 AT (1 unit)	1	unit					
	Panel Board, 150 AT/250 AF, 3P, 18 holes, bolt-on type center main	1	unit					
	Panel Board, 100 AT/200 AF, 3P, 14 holes, bolt-on type center main	2	unit					
	Panel Board, 60 AT/100 AF, 3P, 8 holes, bolt-on type center main	1	unit					
	Circuit Breaker (Main for MDP), 300 AT/500 AF, 3P	1	unit					
	Circuit Breaker (Branch for MDP), 175 AT/250 AF, 3P	1	unit					
	Circuit Breaker (Branch for MDP), 125 AT/200 AF, 3P	2	unit					
	Circuit Breaker (Branch for MDP), 100 AT/150 AF, 3P	1	unit					
	Circuit Breaker (Branch for MDP), 80 AT/150 AF, 3P	1	unit					
	Circuit Breaker (Branch for MDP), 60 AT/100 AF, 3P	1	unit					
	Circuit Breaker (Main for PB1-CO), 150 AT/250 AF, 3P, Bolt-on type	1	unit					
	Circuit Breaker (Main for PB1 and PB2-LO), 100 AT/150 AF, 3P, bolt – on type	2	units					
	Circuit Breaker (Main for PB2-CO), 60 AT/100 AF, 3P, bolt – on type	1	unit					
	Circuit breaker, 15 AT, 2P (bolt-on type)	23	units					
	Circuit breaker, 20 AT, 2P (bolt-on type)	21	units					
	Copperclad Gound rod 20mmØ x 3m.	1	pc					
	Ground Rod Clamp	3	pcs.					
10.2	Lighting Fixtures							
	LED-PANEL Light, 600mmx600mm, 36w-220V(Day Light)(Surface mounted)	40	sets					
	LED Circular Downlight, 18 Watts (Flush Mounted)(Day Light)	44	sets					
	LED Downlight, 18 Watts (Flush Mounted)(Day Light)	217	sets					
	LED Circular Downlight, 12 Watts (Flush Mounted)(Day Light)	20	sets					
	Emergency light	20	pcs.					
	Smoke Detector	1	lot					
10.3	Wires & Cables							
	60 mm ² , THHN wire or equivalent (stranded)	110	l.m.					



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	38 mm ² , THHN wire or equivalent (stranded)	50	l.m.					
	22 mm ² , THHN wire or equivalent (stranded)	50	l.m.					
	14 mm ² , THHN wire or equivalent (stranded)	50	l.m.					
	8 mm ² , THHN wire or equivalent (stranded)	6	box					
	5.5 mm ² , THHN wire or equivalent (stranded)	6	box					
	3.5 mm ² , THHN wire or equivalent (stranded)	35	box					
	2.0 mm ² , THHN wire or equivalent (stranded)	35	box					
10.4	Conduit Pipes and Fittings							
	RSC, 25 mm dia.	19	length					
	PVC Conduit pipe, 2 in. dia.	10	length					
	PVC Conduit pipe, 3/4 in. dia.	150	length					
	PVC Conduit pipe, 1/2 in. dia.	175	length					
	PVC Junction box /cover, 4"x4"	60	pcs.					
	PVC Utility box, 2"x4"	40	pcs.					
	Electrical Tape (big)	30	rolls					
10.5	Wiring Devices							
	Switch, Flush Type,3-way "Wide series"	18	sets					
	Switch, Flush Type,3-Gang "Wide series"	9	sets					
	Switch, Flush Type,2-Gang "Wide series"	16	sets					
	Switch, Flush Type,1-Gang "Wide series"	5	sets					
	Duplex Convenience Outlet, Flush Type "Wide series"	124	sets					
	ACU Outlet, Flush Type,1-Gang "Wide series"	8	sets					
10.6	Hand dryer (comfort rooms)	5	sets					
10.7	Miscellaneous fittings	1	lot					
	Sub-Total							
11.0	Plumbing Works & Drainage System							
11.1	Cold water lines							
	25mm dia PPR pipes	50	l.m.					
	20mm dia PPR pipes	150	l.m.					
	25mm miscellaneous fittings	1	lot					
	20mm miscellaneous fittings	1	lot					
11.2	Sanitary and Sewer lines							
	6" PVC pipes S-1000	160	lm					
	4" PVC pipes S-1000	100	lm					
	3" PVC pipes S-1000	100	lm					
	2" PVC pipes S-1000	100	lm					
	4" dia pipe fittings and accessories	1	lot					
	3" dia PVC pipe fittings accessories	1	lot					
	2" dia. PVC pipe fittings accessories	1	lot					
	Septic tank & fittings	2	lot					
11.3	Fixtures							
	Water closet (flush type) and accessories	17	set					
	Lavatory and accessories	17	set					
	Urinal and accessories	2	set					
	20 mm dia. faucet with shower head	10	pcs					
	Mirror (big)	5	pcs.					
	Mirror (single)	2	pcs.					



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	Mirror (dressing room)	2	pcs.					
	Other Accessories	1	lot					
11.4	Catch basin	26	set					
11.5	Water source system							
	0.8m diameter pipe culvert (deep well)	4	l.m.					
	Storage tank 1000L and accessories	2	set					
	Booster pump 1Hp/1PH and accessories	1	set					
	Pressure tank 42 gal and accessories	1	set					
	Pump and pressure tank cage/shed	1	lot					
	Other accessories	1	lot					
	Sub-Total							
12.0	Carpentry Works							
12.1	Ceiling works							
	1/4" thick marine plywood on metal furring	279	sq.m.					
12.1	Partition wall							
	Double walling partition (hardiflex in metal studs)	8	sqm					
	Sub-Total							
13.0	Roofing Works							
	4"x4"x1/4" x 6.0m angle bar	170.00	length					
	3"x3"x1/4" x 6.0m angle bar	205.00	length					
	65mm x 65mm x 6mm x 6.0m angle bar	120.00	length					
	50mm x 50mm x 6mm x 6.0m angle bar	104.00	length					
	50mm x 100mm x 2mm thk x 6000mm C-purlins	490.00	length					
	10mm thk. gusset plate	5.00	sq.m.					
	6mm thk. gusset plate	10.00	sq.m.					
	20mm dia.x 0.40m anchor bolt w/ nuts & washers	56.00	sets					
	Welding rod	50.00	boxes					
	12mmØ x 6000mm plain round bar	86.00	length					
	12mmØ turn-buckle	56.00	pcs.					
	Ga.#26 ordinary corrugated pre-painted long span roof sheets and accessories	1440.00	sq. m.					
	Other accessories	1	lot					
	Sub-Total							
14.0	Painting Works							
14.1	Concrete/masonry	2,587	sq.m					
	Skim coat, 20kg	155	bags					
	Semi-gloss latex finishes	52	pail					
14.2	Wood/timber	279	sq.m					
	Glazing putty	14	gal					
	Flat wall enamel	11	gal					
	Quick dry enamel	11	gal					
	Paint Thinner	70	liter					
	Tinting color	3	pint					
14.4	Metal/steel	20	sq.m					
	Red oxide primer	1	gal					
	Enamel paint	2	gal					
	Paint Thinner	5	liter					
	Tinting color	1	pint					



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14.5	Slip resistant paint (stage floor)	6	gal					
14.6	Epoxy paint (wood tiles)	10	gal					
14.7	Painting works accessories	1	lot					
	Sub-Total							
15.0	Movable Basketball Ring and Scoreboard							
	Movable basketball ring w/ fiberglass board	2	sets					
	Digital score board and accessories	1	set					
	Sub-Total							
16.0	Bleacher Seats							
	Seat with backrest: High Density Polyethylene (HDPE) W400xD460xH315mm	760	nos					
	Sub-Total							
	TOTAL MATERIAL COST							
	TOTAL LABOR COST							
	DIRECT COST							

- I **DIRECT COST**
- II **INDIRECT COST**
 - A. MOBILIZATION/DEMOBILIZATION
 - B. CONTRACTOR'S PROFIT
 - C. OCM (Overhead, Contingencies & Miscellaneous)
- III **TOTAL PROJECT COST** _____

PREPARED BY: