

REPUBLIC OF THE PHILIPPINES  
 Department of Science and Technology  
 Philippine Science High School Soccsksargen Region Campus  
 Barangay Paraiso, Koronadal City  
 South Cotabato

Project: CONSTRUCTION OF LEARNING RESOURCE CENTER (LIBRARY) AND MULTI-MEDIA CENTER  
 Subject: BILL OF QUANTITIES  
 Date: 8-22-2017  
 ABC P 24,000,000.00

ITEM	SCOPE OF WORK	QTY	UNIT	UNIT COST	TOTAL COST
<b>1.0</b>	<b>GENERAL REQUIREMENTS</b>				
1.1	Mobilization/Demobilization	1	lot		
1.2	Bonds, Insurances & Permits	1	lot		
1.3	As built plans	1	lot		
1.4	Temporary Utilities (Electricities & Water)	1	lot		
1.5	Temporary Facilities				
1.5.1	Temporary Warehouse	1	lot		
1.5.2	Field Office/Conference Room	1	lot		
1.5.3	Temporary Fence/Site Enclosure	1	lot		
1.6	Surveying & Layouts	1	lot		
1.7	Testing of Materials				
1.7.1	Compression Testing (Cylinder, CHB, Mortar)	1	lot		
1.7.2	Cement (Physical & Chemical Properties)	1	lot		
1.7.3	Complete Test for Aggregates (Grading, Soundness, Abrasion, Specific Gravity, Unit Weight, Absorption)	1	lot		
1.7.4	Tensile Properties of Rebars & Steeldecking	1	lot		
1.7.5	Design/Trial Mix	1	lot		
1.7.6	Curing Tank & Curing Materials	1	lot		
1.8	Construction Safety/PPEs	1	lot		
	<b>SUB-TOTAL 1.0</b>				
<b>2.0</b>	<b>LAND DEVELOPMENTS</b>				
2.1	concreting of entrance Pavement and perimeter sidewalk				
2.1.1	Washed sand	10	Cu.M.		
2.1.2	Gravel 3/4	20	Cu.M.		
2.1.3	Portland Cement	184	bags		
2.1.4	Temperature bars 12mm deformed bars @ .3m O.C BW	245	kgs		
2.1.5	Ga. 16 GI Tire wires	10	kgs		
	<b>SUB-TOTAL 2.0</b>				
<b>3.0</b>	<b>EARTHWORKS AND LAND DEVELOPMENTS</b>				
3.1	EXCAVATION				
3.1.1	Footing Pits	1006	Cu.M.		
3.1.2	Catch Basins	1.9	Cu.M.		
3.2	EARTHFILL				
3.2.1	Ground Floor	100.00	Cu.M.		
	<b>SUB-TOTAL 3.0</b>				

ITEM	SCOPE OF WORK	QTY	UNIT	UNIT COST	TOTAL COST
4.0	<b>STRUCTURAL WORKS</b>				
	4.1 Reinforced Concrete Footing (3500psi)				
	4.1.1 Type 1 Portland Cement	1,843.00	bags		
	4.1.2 Washed and screened Sand	87.76	Cu.M.		
	4.1.3 Gravel	175.52	Cu.M.		
	4.1.4 Gravel bedding	75.52	Cu.M.		
	4.1.5 16mm def bars grade 40	631.31	kgs		
	4.1.6 20mm def bars grade 40	2,078.65	kgs		
	4.1.6 Ga 16 tie wire	80.00	kgs		
	4.1.7 welding rods 6011	18.00	kgs		
	4.2 Reinforced Concrete Tie Beam (3500psi)				
	4.2.1 Type 1 Portland Cement	255.00	bags		
	4.2.2 Washed and screened Sand	12.15	Cu.M.		
	4.2.3 Gravel	24.22	Cu.M.		
	4.2.4 Gravel bedding	5.75	Cu.M.		
	4.2.5 20mm def bars grade 40	4,603.00	kgs		
	4.2.6 16mm def bars grade 40	555.85	kgs		
	4.2.7 10mm def bars grade 33	802.00	kgs		
	4.2.8 Ga 16 tie wire	175.00	kgs		
	4.2.9 welding rods 6011	40.00	kgs		
	4.3 Reinforced Concrete Zocallo and Wall Footing (3000psi)				
	4.3.1 Type 1 Portland Cement	75.00	bags		
	4.3.2 Washed and screened Sand	4.13	Cu.M.		
	4.3.3 Gravel	8.26	Cu.M.		
	4.3.5 12mm def bars grade 33	85.00	kgs		
	4.3.6 10mm def bars grade 33	328.00	kgs		
	4.3.7 Ga 16 tie wire	5.20	kgs		
	4.3.8 welding rods 6011	1.70	kgs		
	4.4 Reinforced Concrete slab on fill (3000psi)				
	4.4.1 Type 1 Portland Cement	670.00	bags		
	4.4.2 Washed and screened Sand	37.20	Cu.M.		
	4.4.3 Gravel	74.40	Cu.M.		
	4.4.4 Gravel bedding	56.00	Cu.M.		
	4.4.5 10mm def bars grade 33	2,480.25	kgs		
	4.4.6 Ga 16 tie wire	32.45	kgs		
	4.4.7 welding rods 6011	7.30	kgs		
	4.5 Reinforced Concrete suspended slab (3000psi)				
	4.5.1 Type 1 Portland Cement	374.00	bags		
	4.5.2 Washed and screened Sand	20.75	Cu.M.		
	4.5.3 Gravel	41.49	Cu.M.		
	4.5.4 10mm def bars grade 33	4,378.00	kgs		
	4.5.5 Ga 16 tie wire	63.72	kgs		
	4.5.6 welding rods 6011	6.00	kgs		
	4.6 Reinforced Concrete Columns (3500psi)				
	4.6.1 Type 1 Portland Cement	695.00	bags		
	4.6.2 Washed and screened Sand	33.50	Cu.M.		
	4.6.3 Gravel	67.00	Cu.M.		
	4.6.4 20mm def bars grade 40	17,698.75	kgs		
	4.6.6 10mm def bars grade 33	3,678.05	kgs		
	4.6.7 Ga 16 tie wire	720.00	kgs		
	4.6.8 welding rods 6011	16.00	kgs		

ITEM	SCOPE OF WORK		QTY	UNIT	UNIT COST	TOTAL COST
	4.7	RC Beams/roof beams/girders/cantilever beams (3500psi)				
	4.7.1	Type 1 Portland Cement	875.00	bags		
	4.7.2	Washed and screened Sand	42.00	Cu.M.		
	4.7.3	Gravel	84.00	Cu.M.		
	4.7.5	20mm def bars grade 40	18,902.00	kgs		
	4.7.6	16mm def bars grade 40	4,956.00	kgs		
	4.7.8	10mm def bars grade 33	4,664.00	kgs		
	4.7.9	Ga 16 tie wire	850.00	kgs		
	4.7.10	welding rods 6011	45.00	kgs		
	4.8	Reinforced Concrete Stairs (3500psi)				
	4.8.1	Type 1 Portland Cement	63.00	bags		
	4.8.2	Washed and screened Sand	3.00	Cu.M.		
	4.8.3	Gravel	6.00	Cu.M.		
	4.8.5	16mm def bars grade 40	898.00	kgs		
	4.8.6	12mm def bars grade 33	737.00	kgs		
	4.8.8	Ga 16 tie wire	50.00	kgs		
	4.8.9	welding rods 6011	3.00	kgs		
	4.9	Reinforced Concrete canopy (3500psi)				
	4.9.1	Type 1 Portland Cement	189.00	bags		
	4.9.2	Washed and screened Sand	9.00	Cu.M.		
	4.9.3	Gravel	18.00	Cu.M.		
	4.9.4	10mm def bars grade 33	2,213.00	kgs		
	4.9.5	Ga 16 tie wire	32.00	kgs		
	4.9.6	welding rods 6011	3.00	kgs		
	4.10	Reinforced Concrete lavatorycounter (3000psi)				
	4.10.1	Type 1 Portland Cement	4.00	bags		
	4.10.2	Washed and screened Sand	0.18	Cu.M.		
	4.10.3	Gravel	0.35	Cu.M.		
	4.10.4	10mm def bars grade 33	148.00	kgs		
	4.10.5	Ga 16 tie wire	1.00	kgs		
	4.11	formworks and scaffoldings				
	4.11.1	2x4x12 coco lumber	500.00	pcs		
	4.11.2	2x3x12 coco lumber	2,000.00	pcs		
	4.11.3	2x2x12 coco lumber	2,000.00	pcs		
	4.11.4	3/8" ord plywood	350.00	pcs		
	4.11.5	1/4" ord plywood	120.00	pcs		
	4.11.6	assorted sixe conc nails	25.00	box		
	4.11.7	cwn 4"	16.00	box		
	4.11.8	cwn 3"	16.00	box		
	4.11.9	cwn 2-1/2"	15.00	box		
	4.11.10	cwn 2"	12.00	box		
	4.11.11	cwn 1-1/2"	10.00	box		
			<b>SUB-TOTAL 4.0</b>			
<b>5.0</b>	<b>STEEL WORKS</b>					
	5.1	STEEL TRUSSES (Trusses, Rafters, Girt & Entrance Canopy)				
	5.1.1	6mmx2"x2" MS Angle Angle Bars	340	lght		
	5.1.2	6mmx1-1/2"x1-1/2" MS Angle Angle Bars	27	kg		
	5.1.6	1.50mm thk 2"x4" Cee Purlins	109	pcs		
	5.1.7	16mm x6m plain round bars	25	length		
	5.1.8	Sag Rod (Plain Round Bar, 12mm)	55	length		
	5.1.9	X-Bracing (Plain Round Bar, 12mm)	8	length		

ITEM	SCOPE OF WORK		QTY	UNIT	UNIT COST	TOTAL COST
	5.1.10	Turn Buckle (1/2"x1')	18	pcs		
	5.1.11	welding rods (N90)	70	kgs		
	5.2 ROOFING					
	5.2.1	0.5mm ribbed type colorbonded Gi Roofing sheets	560	L.M.		
	5.2.2	0.5mm plain colorbonded Gi valley gutters 8'	2	Length		
	5.2.3	0.5mm plain colorbonded Gi ridge roll 8'	10	Length		
	5.2.4	0.5mm plain colorbonded bended gutter 8'	45	Length		
	5.2.5	sealant	1	gals		
	5.2.6	Tek Screw & Rivets	12	Kgs		
	5.2.7	Touch up Paint	1	gal		
	5.3 STAIR & RAMP HAND RAIL					
	5.3.1	Stainless Pipe (2", S-20)	8	Length		
	5.3.2	Square Bar (12mm)	8	Length		
	5.3.3	flat bar 1/4" x 1"x6m	4	Length		
	5.3.4	Welding Rod (Stainless)	8	Kgs		
			<b>SUB-TOTAL 5.0</b>			
<b>5.0</b>	<b>MASONRY WORKS</b>					
	6.1 CHB WALL					
	6.1.1	CHB 6" (350 psi)	1,594.00	Pcs		
	6.1.2	CHB 4" (350 psi)	10,500.00	Pcs		
	6.1.3	Cement (40 Kgs)	850	Bags		
	6.1.4	Washed Sand	58	Cu.M.		
	6.1.5	DRB 10mm, Grade 40	1260	Kgs		
	6.1.6	G.I. Wire (G-16)	41	Kgs		
	6.2 CATCH BASINS					
	6.2.1	CHB 4" (350 psi)	150	Pcs		
	6.2.2	Cement (40 Kgs)	10	Bags		
	6.2.3	Washed Sand	0.8	Cu.M.		
	6.2.4	DRB 10mm, Grade 40	7	Kgs		
	6.2.5	G.I. Wire (G-16)	0.5	Kgs		
	6.3 PLASTERING (25 mm thick)					
	6.3.1	Cement (40 Kgs)	690	Bags		
	6.3.2	Washed Sand	75	Cu.M.		
			<b>SUB-TOTAL 6.0</b>			
<b>7.0</b>	<b>PAINTING WORKS</b>					
	7.1 WALLS					
	7.1.1	Exterior Wall	560.00	Sq.M.		
	7.1.2	Interior Wall	1,033.00	Sq.M.		
	7.2 CEILING ( flat wall enamel)		670.00	Sq.M.		
	7.3 WOODEN DOORS AND JAMBS		5.00	sets		
	7.4 book shelves		25.00	units		
	7.5 ROOF FRAMING & STAIR RAIL					
	7.5.1	Epoxy Primer Gray	15.00	Gal		
	7.5.2	Epoxy reducer	10.00	Gal		
			<b>SUB-TOTAL 7.0</b>			
<b>8.0</b>	<b>TILEWORKS</b>					
	8.1	Main interior floor(0.60mx0.60m) matte porcelain Tiles class AAA	605.00	Sq.M.		
	8.2	side walk , ramp (0.60mx0.60m) Granite Tiles non skid GRDAAA	200.00	Sq.M.		
	8.3	Stairs & Landing (30x30) Ceramic Tiles non skid GRD AAA	99.20	Sq.M.		
	8.4	Comfort rooms wall (30x60) polish porcelain tiles GRD AAA	110.00	Sq.M.		
	8.5	Comfort rooms floor (30x60) matte porcelain tiles GRD AAA	34.25	Sq.M.		
	8.6	Façade tiling with 30x60 textured tiles	189.15	Sq.M.		
			<b>SUB-TOTAL 8.0</b>			

ITEM	SCOPE OF WORK	QTY	UNIT	UNIT COST	TOTAL COST
<b>9.0</b>	<b>CEILING</b>				
9.1	FLAT CEILING (gypsum)				
9.1.1	Gypsum Board (1/2")	620	Sq.M.		
9.1.2	Metal Frames	620	Sq.M.		
9.1.3	mounting Accessories	1	Lot		
9.2	FLAT CEILING (HARDIFLEX)				
9.2.1	Hardiflex 5mmx4x8	34.25	Sq.M.		
9.2.2	Metal Frames	34.25	Sq.M.		
9.2.3	mounting Accessories	1	lot		
9.3	PVC SOFFIT CEILING				
9.3.1	pvc soffit	240	Sq.M.		
9.3.2	Metal Frames	240	Sq.M.		
9.3.3	Mounting Accessories	1	Lot		
<b>SUB-TOTAL 9.0</b>					
<b>10.0</b>	<b>PLUMBING WORKS</b>				
10.1	FRESH WATER LINES				
10.1.1	PPR Pipes (1"), PNS 16	6	Length		
10.1.2	PPR Pipes (3/4"), PNS 16	3	Length		
10.1.3	PPR Pipes (1/2"), PNS 16	5	Length		
10.1.4	PPR Pipe Fittings (Elbows, Tees, Reducers, etc)	1	Lot		
10.1.5	Consumables (Teflon, Cement Solvent, etc.)	1	Lot		
10.2	SANITARY, VENT, & DRAINAGE LINES				
10.2.1	PVC Pipe 4", S-40	8	Length		
10.2.2	PVC Pipe 2", S-40	15	Length		
10.2.3	PVC Pipe Fittings (Elbows, Wyes, Tees, Cleanouts, etc)	1	Lot		
10.2.4	Pipes Cement Solvent	4	Liters		
10.2.5	Construction of Septic Tank	1	lot		
10.3	DRY STANDPIPE				
10.3.1	G.I. Pipes (2 1/2", S-40)	1	Length		
10.3.2	G.I. elbows (2-1/2", S-40)	2	pcs		
10.3.3	G.I. couplings (2-1/2", S-40)	1	pcs		
10.3.4	G.I. tee (2-1/2", S-40)	1	pcs		
10.3.5	fire hose box with hose and nozzle	2	units		
10.3.6	siamese twin 2-1/2	1	units		
10.4	STORM DRAIN				
10.4.1	PVC Pipe (4", S-40)	50	Length		
10.4.2	PVC coupling (4", S-40)	40	pcs		
10.4.3	PVC elbow (4", S-40)	35	pcs		
10.4.4	PVC Pipe 6" S-40	1	length		
10.4.5	Catch basins	12	units		
10.5	PLUMBING ACCESSORIES				
10.5.1	Stainless Floor Drain 4"x4"	8	Pcs		
10.5.2	paper Holder	8	Pcs		
10.5.3	Soap dispenser	5	Pcs		
10.5.4	Ball Valves	4	Pcs		
10.6	PLUMBING FIXTURES				
10.6.1	Water Closet	8	Sets		
10.6.2	Counter top Lavatory Vessel type	4	Sets		
10.6.3	semi pedestal Lavatories	2	Sets		
10.6.4	Urinal	2	Sets		
10.6.5	Kitchen Sink	1	sets		
10.6.6	Accessories & Fittings	1	Lot		

ITEM	SCOPE OF WORK		QTY	UNIT	UNIT COST	TOTAL COST
10.7	MISCELLANEOUS					
	10.7.1	Hangers, Clamps, Consumables	1	Lot		
10.8	Testing & Commissioning of Plumbing Works		1	Lot		
<b>SUB-TOTAL 10.0</b>						
<b>11.0</b>	<b>ELECTRICAL &amp; AUXILIARY WORKS</b>					
	11.1	LIGHTING & POWER LAYOUT				
	11.1.1	PVC Conduit 1/2, S-40	250	Length		
	11.1.2	PVC Conduit 1-1/2, S-40	10	Length		
	11.1.3	PVC Conduit 3", S-40	15	Length		
	11.1.4	PVC flexible hose 1/2	4	rolls		
	11.1.5	THHN Copper Wire 10/7	7	rolls		
	11.1.6	THHN Copper Wire 12/7	80	rolls		
	11.1.7	THHN Copper Wire 14/7	40	rolls		
	11.1.8	pvc Junction Box (4X4,)	300	Pcs		
	11.1.9	pvc Utility Box (2x4)	120	Pcs		
	11.1.10	PVC Square BOx with cover	30	Pcs		
	11.1.11	Pull box 4x12x12	2	Pcs		
	11.1.12	wire gutter 5x12x48	1	Pcs		
	11.1.13	Convenience outlet 2 gang	63	set		
	11.1.14	aircon outlet 1 gang	10	set		
	11.1.15	Emergency Light Outlets	10	set		
	11.1.16	LED exit sign outlets	7	set		
	11.1.17	Wall lamp outlets	20	set		
	11.1.18	Exhaust Fan Outlets	2	set		
	11.1.19	Switch 1 gang	6	set		
	11.1.20	Switch 2 gang	7	set		
	11.1.21	Switch 3 gang	11	set		
	11.1.22	Switch 3 gang 3 way	2	set		
	11.1.23	magnetic switch 3HP	11	sets		
	11.1.24	fitting connectors etc.	1	lot		
	11.1.25	tapes , solvent cement	1	lot		
	11.2	LIGHTING FIXTURE				
	11.2.1	rectangular LED Panel Lighting Sictures	27	Sets		
	11.2.2	T-5 Flourescent Fixture Complete w/ Accessories 1-28watts	31	Sets		
	11.2.3	T-5 Flourescent Fixture Complete w/ Accessories 1-21watts	8	Sets		
	11.2.4	LED glass covered Pinlights 4" with 12 watts bulb	165	Sets		
	11.2.5	wall lamp up light	20	sets		
	11.2.6	LED illuminated exit signs	7	pcs		
	11.2.7	LED eyeball emergency light	10	sets		
	11.3	BREAKERS AND PANELBOXES				
	11.3.1	PB-1 Panel Box 20 branches industrial type 3phase center main bolt-on; 75main; 5-15amps; 3-20amps; 6-30amps	1	set		
	11.3.2	PB-2 Panel Box 20 branches industrial type 3phase center main bolt-on; 75main; 4-15amps; 3-20amps; 7-30amps	1	set		
	11.3.3	MDP Panel Box industrial type 3phase center main bolt-on; 250 main;	1	set		
	11.3.4	100mm THHN wire	200	mtrs		
	11.3.5	14mm THHN wire	30	mtrs		
	11.3.6	22mm THHN wire	40	mtrs		
	11.3.7	Entrance Cap	1	pc		

ITEM	SCOPE OF WORK		QTY	UNIT	UNIT COST	TOTAL COST
	11.3.8	Male adaptor	1	pc		
	11.3.9	HD secondary rack	1	set		
	11.3.10	U-bolt connector	3	pcs		
	11.3.11	rubber tape	3	rolls		
	11.3.12	Conduits and Fittings	1	lot		
	11.4	TESTING & COMMISSIONING OF ELECTRICAL WORKS	1	Lot		
<b>SUB-TOTAL 11.0</b>						
<b>12.0</b>	<b>ELECTRONICS AND COMMUNICATION</b>					
	12.1	CCTV				
	12.1.1	DVR (16 inputs) full HD, USB, Network) or higher	1	unit		
	12.1.2	1MP, 3.6mm, 20m IR indoor/outdoor Camera or higher	16	unit		
	12.1.3	4 terabyte hard disk (SATA)	1	unit		
	12.1.4	LCD Monitor 32"	1	unit		
	12.1.5	Centralized power supply 12v/30amp	1	unit		
	12.1.6	cables/wire (siamese cable)	1	lot		
	12.1.7	AVR	1	unit		
	12.2	FIRE DETECTION AND ALARM AND SYSTEM (fdas)				
	12.2.1	manual station break glass	5	unit		
	12.2.2	FDAS Wired smoke detector	19	unit		
	12.2.3	fire alarm siren with stobe LED light	4	unit		
	12.2.4	Fire Alarm control panel 4 zones	1	set		
	12.2.5	12V/9AH battery	1	units		
	12.2.6	Cables Tray, wires, Pipings, etc	1	lot		
	12.3	AVR Sound system				
	12.3.1	Power amplifier 500 watts	1	lot		
	12.3.2	Pre Amplifier Mixer 4 mic input	1	unit		
	12.3.3	speaker wall mounted (100rms)	4	unit		
	12.3.4	speaker stand alone	1	unit		
	12.3.5	Cables Tray, Speaker AWG wires # 16, Pipings, etc	1	lot		
	12.4	NETWORK				
	12.4.1	close data cabinet wall mounted 2'	1	lot		
	12.4.2	Cat 5e/6 Patch panel 48 ports	2	unit		
	12.4.3	1/0 with 2 gang and face Plate	20	sets		
	12.4.4	Cables/Wires (CAT 5E/6)	1	lot		
	12.5	CATV				
	12.5.1	f. Connector Wall Mount with Face Plate	5	units		
	12.5.2	Cables/wires (RG <sup>6</sup> )	1	lot		
	12.6	TELEPHONE				
	12.6.1	single line Telephone set	1	units		
	12.6.2	SLA Krone Terminal Block 10 pairs	1	units		
	12.6.3	1/0 for telephone outlet	1	units		
	12.6.4	Cables/wires ( telephone wire Cat 5e)	1	lot		
	12.7	GROUNDING SYSTEM				
	12.7.1	Ground Bus Bar (1/4"x1"x12")	1	pc		
	12.7.2	Bronze Ground Rod 3 meters	2	pc		
	12.7.3	AWG no. 4 or higher	12	mtrs		
	12.7.4	Connectors, Bolts, etc	1	lot		
<b>SUB-TOTAL 11.0</b>						
<b>13.0</b>	<b>GLASSWORKS</b>					
	13.1	w1 Fixed reflective 6mm Glass Windows with 2 operable awning window on powder coated aluminum frames 3.60mx2.15m	6	sets		
	13.2	w2 Fixed reflective 6mm Glass Windows with 2 operable awning window on powder coated aluminum frames 4.60mx2.15m	3	sets		

ITEM	SCOPE OF WORK	QTY	UNIT	UNIT COST	TOTAL COST
13.3	w3 Fixed reflective 6mm Glass Windows with 2 operable awning window on powder coated aluminum frames 1.725mx2.15m	1	sets		
13.4	w4 awning window 6mm reflective glass on powder coated aluminum with fixed top and bottom panels 3.6mx1.80m	4	sets		
13.5	w5 awning window 6mm reflective glass on powder coated aluminum with fixed top and bottom panels 1.75mx1.80m	2	sets		
13.6	w6 awning window 6mm reflective glass on powder coated aluminum with fixed top and bottom panels 0.938mx1.80m	10	sets		
13.7	w7 awning window 6mm reflective glass on powder coated aluminum with fixed top and bottom panels 1.60mx3.20m	1	sets		
13.8	w8 awning window 6mm reflective glass with 1-3/4x4 tubular on pc-white aluminum white 0.6mx0.6m	2	sets		
13.9	w8 awning window with transom 6mm reflective glass with 1-3/4x4 tubular on pc-white aluminum white 3.60mx1.10m	10	sets		
13.10	w10 fixed glass window 6mm reflective glass with 1-3/4x4 tubular on pc-white aluminum white 0.3mx2.4m	10.00	sets		
13.11	w11 fixed glass window with top awning 6mm reflective glass with 1-3/4x4 tubular on pc-white aluminum white 3.6mx1.8m	2.00	sets		
13.12	w12 awning window 6mm reflective glass with 1-3/4x4 tubular on pc-white aluminum white 1.2mx0.6m	3.00	sets		
13.13	w13 awning window 6mm reflective glass with 1-3/4x4 tubular on pc-white aluminum white 1.2mx0.4m	1.00	sets		
13.14	D-8 swing door using 10mm clear glass on FD Section on pc white aluminum frame overall size 0.9mx2.1m	1.00	sets		
13.15	DW-01/DW01B swing door using 10mm clear glass on FD Section WITH FIXED SIDELITES on pc white aluminum frame overall size 3.6mx3.150m	2.00	sets		
13.16	DW-03 TWIN LEAF swing door using 10mm clear glass on FD Section WITH FIXED SIDELITES on pc white aluminum frame overall size 3.6mx2.550m	1.00	sets		
13.17	DW-02 swing door using 10mm clear glass on FD Section WITH FIXED SIDELITES on pc white aluminum frame overall size 4.6mx2.150m	1.00	sets		
13.18	cw1 Fixed reflective 6mm Glass Curtain wall with operable awning window on powder coated aluminum frames overall size 3.60mx3.70m	1.00	sets		
13.19	1/4" c;ear glass inserts 0.2-x1.00m	2.00	sets		
13.20	Mirror with plyboard backing (floating) 0.80mx1.20m	2	sets		
13.21	Mirror with plyboard backing (floating) 0.80mx0.60m	2	sets		
<b>SUB-TOTAL 13.0</b>					
15.0	<b>TERMITE CONTROL</b>				
15.1	Soil Poisoning	390	sq.mt		
<b>SUB-TOTAL 15.0</b>					
16.0	<b>THERMAL CONTROL</b>				
16.1	Insulation	390	sq.mt		
<b>SUB-TOTAL 16.0</b>					
17.0	<b>ARCHITECTURAL SPECIALTIES</b>				
17.1	Modular toilet cabinets made from laminated phenolic board on an stainless steel tubular frame and brackets with door and lockset	6	Sets		
17.2	<b>Sashworks</b>				
17.2.1	D1 Hollow Core Laminated twin leaf swing flushed Door 1.40mx2.10m with glass viewer 2"x8" wooden Jamb	1	Sets		
17.2.2	D2 Hollow Core metal flushed Door 0.90mx2.10m with panic bar on metal Jamb	2	Sets		
17.2.3	D3 Hollow Core Laminated flushed Door 0.90mx2.10m with 2"x8" with louvers on wooden Jamb	1	Sets		
17.2.4	D4 Hollow Core Laminated flushed Door 0.80mx2.10m with 2"x8" with louvers on wooden Jamb	2	Sets		
17.2.5	D5 Hollow Core Laminated flushed Door 0.80mx2.10m with 2"x8" on wooden Jamb	3	Sets		



ITEM	SCOPE OF WORK		QTY	UNIT	UNIT COST	TOTAL COST
	17.2.6	D6 Hollow Core Laminated flushed Door 0.6mx2.10m with louvers on 2"x6" on wooden Jamb	1	Sets		
	17.2.7	D-7 wooden pocket sliding door with sliding door mechanisms 0.70x2.10m	1	Sets		
	17.3	Door Lockset				
	17.3.1	Lever Type Satin Finished Door Lockset	11	sets		
	17.3.2	Lever Type Satin Finished Dummy Lockset	1	sets		
	17.3.3	Stainless hinges 3-1/2"x3-1/2"	17	pairs		
<b>SUB-TOTAL 17.0</b>						
18.0	<b>BOOK SHELVES and TABLES</b>					
	18.1	<b>BOOK SHELVES</b>				
	18.1.1	Wall shelves 6 ft high	15	unit		
	18.1.2	Island Type shelves 6ft high	10	unit		
	18.2	<b>TABLES</b>				
	18.2.1	study table y shaped	6	unit		
	18.2.2	computer tables 4 seater	1	unit		
	18.2.3	computer tables 3 seater	8	unit		
	18.2.4	computer tables 2 seater	1	unit		
	18.2.5	check out counter	1	unit		
<b>SUB-TOTAL 18.0</b>						
19.0	<b>SIGNS AND SIGNAGES</b>					
	19.1	Outdoor Signage ACP	1	lot		
	19.2	Indoor Signages acrylic with stickers 4"x20"	14	units		
<b>SUB-TOTAL 19.0</b>						
20.0	<b>HVAC</b>					
	20.1	Floor Mounted Split Type Aircon 3TR Inverter	9	Sets		
	20.2	Wall Mounted Split Type Aircon 2.5HP Inverter	1	Sets		
	20.3	Window Type 1.0 HP airconditioner 220v	1	units		
	20.4	Condenser steel Hanger racks	10	Sets		
	20.5	window Type Aircon steel cage	1	set		
	20.6	Exhaust Fans	2	Sets		
<b>SUB-TOTAL 20.0</b>						
<b>GRAND TOTAL</b>						

ITEM	SCOPE OF WORK	QTY	UNIT	UNIT COST	TOTAL COST
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