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Project Title: RENOVATION OF INTERNET SECTION AS LEARNING HUB AND ROOM E5 AS HYBRID CLASSROOM

Owner : ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY - MIAGAO CAMPUS

Location: MIAGAO, ILOILO

Approved Budget Cost: Php 1,428,395.00

Funding Source: Capital Outlay (Fund 101)

Subject: BILL OF QUANTITIES AND COSTS

Item	Description	Qty	Unit	Unit Price	Total Amount (Php)
1	PROPOSED RENOVATION INTERNET SECTION AS LEARNING HUB				
I	GENERAL REQUIREMENTS				
a	TEMPORARY FACILITIES				
	Electricity/water Utilities/Bunk House and Site Enclosure		lot		
b	Professional Fees, Processing of Permits & As Built Plans				
	Includes Professional Fees for seven (7) sets of complete plans(signed & sealed), for Building & Occupancy Permit, Building & Occupancy Permit forms (signed & sealed), Completion/ Testing/Commissioning, Final Inspection Certification (Signed and Seal) and Processing of Building & Occupancy Permit including Fire Safety Evaluation Certification FSEC (inc penalties), Testing of materials, Five (5) sets of As Built Plans & Project Construction Signages		lot		
	Processing of Building & Occupancy Permit including Fire Safety Evaluation Certification FSEC (inc penalties), Testing of materials, Five (5) sets of As Built Plans & Project Constuction Signages		lot		
c	Occupational Safety & Health Provision		lot		
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect Cost				
	VAT				
	Sub Total				
II	SITE WORK				
	Minor demolition works		lot		
	Treatment of existing wood wall frames and flooring		lot		
	Site clearing, Grubbing and Layout		lot		
	Labor Cost				
	Direct Cost				
	Indirect Cost				
	VAT				
	Sub Total				

Item	Description	Qty	Unit	Unit Price	Total Amount (Php)
III	FORM WORKS AND SCAFFOLDINGS				
	2" x 2" x 12' Coco Lumber		pcs		
	2" x 3" x 12' Coco Lumber		pcs		
	Assorted Common Nails		kgs		
	Assorted Concrete Nails		kgs		
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect Cost				
	VAT				
	Sub Total				
IV	CEILING, WALL DIVISION AND FLOORING				
a	Ceiling				
	Ceiling Board 3/16 thk x 4' x 8'		shts		
	Ceiling Frame & hanger 20', 0.5 mm thk metal furring double		lgths		
	1" x 1" x 20', 0.8 mm thk furring carrier		lgths		
	Wall angle 0.5 mm thk		lgths		
	w clip		pcs		
	5/32"x1/2" Blind Rivets		boxes		
	5/32ø Drill Bit		pcs		
	Screw		pcs		
	1" Concrete Nail		kls		
	GA 12 G. I. Tie Wire		kls		
b	Wall Division, False Column and Half Wall Divider				
	4.5 mm x 4' x 8' walling board		shts		
	50mm thk Mineral wool fiber insulation		rolls		
	PVC wall cladding		lot		
	1/8" x 1 1/4" screw		pcs		
	1/8 Φ drill bit (steel)		pcs		
	Metal studs		length		
	1" x 1" x 20', 0.8 mm thk furring carrier		lgths		
	Wall angle 0.5mm thk		lgths		
	5/32"x1/2" Blind Rivets		boxes		
	5/32ø Drill Bit		pcs		
	Hardwares and accessories		lot		
c	Flooring				
	Minor Repair of existing wood flooring		lot		
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect Cost				
	VAT				
	Sub Total				

Item	Description	Qty	Unit	Unit Price	Total Amount (Php)
V	GLASS AND STEEL /SLIDING WINDOW & ALL DOORS				
a	GLASS SLIDING WINDOW				
W1	1.53 x 3.54m fixed w/ sliding window and transom, 3/16" Thick Glass in Aluminum Frame with complete accessories		units		
W2	1.53 x 2.80m fixed w/ sliding window and transom, 3/16" Thick Glass in Aluminum Frame with complete accessories		units		
W3	0.75 x 2.40m fixed w/ sliding window and transom, 3/16" Thick Glass in Aluminum Frame with complete accessories		units		
b	DOORS				
D1	1.00 x 2.15m swing type glass door in aluminum frame with heavy duty door lock and soft close with complete accessories		unit		
D2	0.80 x 2.15m swing type glass door in aluminum frame with heavy duty door lock and soft close with complete accessories		unit		
D3	1.20 x 2.45m aluminum frame with 1.20 x 0.67m glass transom		unit		
Material Cost					
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					
VI	PAINTING				
a	Ceiling (including hallway)				
	Flat Latex Paint		pail		
	6" Roller Brush		pcs		
	Patching Compound		sack		
	2" Paint Brush		pcs		
	Mesh tape		rolls		
	#80 Water Proof Sand Paper		ft		
	4" Baby Roller		pcs		
b	Wall (interior including hallway, false column and half wall divider)				
	Flat Latex Paint		pail		
	ready mix top coat (shade varies)		pail		
	#80 water proof sand paper		ft		
	#100 water proof sand paper		ft		
	Patching Compound		sacks		
c	flooring (floor varnish 2k system)				
	PU sanding sealer base with catalyst		gal		
	PU top coat base with catalyst		gal		
	Polyurethane reducer		gal		
	Wood stain (maple or oak)		liters		
	#80 water proof sand paper		ft		
	#100 water proof sand paper		ft		
	2" Paint Brush		pcs		
	4" Paint Brush		pcs		
Material Cost					
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					

Item	Description	Qty	Unit	Unit Price	Total Amount (Php)
VII	ELECTRICAL				
	Main Panel Board 9 holes w/ 100 Amp main 2P CB bolt-on w/ 8 branches, 2 - 2P/30A CB, 4- 2P/20A CB, 2-2P 15A CB		lot		
	30mm² THHN wire		mtrs		
	3.5mm² THHN /green		box		
	3.5mm² THHN		box		
	5.5mm² THHN		box		
	Safety circuit breaker with outlet and box for aircon		sets		
	8" Recessed Slim LED Downlight 18W square, AC 220V, 60Hz, IP 40 (indoor), 1001 Lumens (good quality/heavy duty)(daylight)		set		
	5" Recessed Slim LED Downlight 9W square, AC 220V, 60Hz, IP 40 (indoor), 1001 Lumens (good quality/heavy duty)(daylight)		set		
	Flexible LED strip light 6W warm white 5 meters length, input voltage:AC220-240V, 50/60Hz		rolls		
	3-gang switch concealed		sets		
	2-gang switch concealed		sets		
	Duplex C.O concealed (Universal type) w/ ground, 3 prong wide series		pcs		
	2" x 4" utility box PVC		pcs		
	4" x 4" junction box PVC		pcs		
	20mmø uPVC pipe		pcs		
	32mmø uPVC pipe		pcs		
	Uclip 1"		pcs		
	300ml PVC solvent cement		can		
	Electrical tape (big)		pcs		
	Hardwares and accessories (screws, nails, etc.)		lot		
Material Cost					
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					
Material Cost					
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					
2	ROOM E5 AS HYBRID CLASSROOM				
I	SITE WORK				
	Minor demolition works		lot		
	Treatment of existing wood wall frames and flooring		lot		
	Site clearing, Grubbing and Layout		lot		
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					

Item	Description	Qty	Unit	Unit Price	Total Amount (Php)
II	FORM WORKS AND SCAFFOLDINGS				
	2" x 2" x 12' Coco Lumber		pcs		
	2" x 3" x 12' Coco Lumber		pcs		
	Assorted Common Nails		kgs		
	Assorted Concrete Nails		kgs		
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					
III	CEILING				
	Ceiling Board 3/16 thk x 4' x 8'		shts		
	Ceiling Frame & hanger 20', 0.5 mm thk metal furring double		lgths		
	1" x 1" x 20', 0.8 mm thk furring carrier		lgths		
	Wall angle 0.5 mm thk		lgths		
	W clip		pcs		
	5/32" x 1/2" Blind Rivets		boxes		
	5/32ø Drill Bit		pcs		
	Screw		pcs		
	1" Concrete Nail		kls		
	GA 12 G. I. Tie Wire		kls		
Material Cost					
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					
IV	GLASS AND STEEL /SLIDING WINDOW & ALL DOORS				
a	GLASS SLIDING WINDOW				
W1	1.82 x 2.62m fixed w/ sliding window and transom and 0.97 x 0.59m door transom, 3/16" Thick Glass in Aluminum Frame with complete accessories and round steel grills		units		
W2	1.85 x 2.12m fixed w/ sliding window and transom, 3/16" Thick Glass in Aluminum Frame with complete accessories and round steel grills		units		
W3	1.80 x 3.50m fixed w/ sliding window and transom, 3/16" Thick Glass in Aluminum Frame with complete accessories and round steel grills		units		
b	DOORS				
D1	Entrance Door 1.00 x 2.15m stained/varnished finished hardwood solid panel door w/door jamb and dead bolt cylinder w/ 2 pair heavy duty 3.5" x 3.5" Loose pien hinges		unit		
D2	0.80 x 2.1m stained/varnished finished hardwood solid panel door w/door jamb and dead bolt cylinder w/ 2 pair heavy duty 3.5" x 3.5" Loose pien hinges		unit		
Material Cost					
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					

Item	Description	Qty	Unit	Unit Price	Total Amount (Php)
V	PAINTING				
a	Ceiling (including hallway)				
	Flat Latex Paint		pail		
	6" Roller Brush		pcs		
	Patching Compound		sack		
	2" Paint Brush		pcs		
	Mesh tape		rolls		
	#80 Water Proof Sand Paper		ft		
	4" Baby Roller		pcs		
b	Wall (interior including hallway)				
	Flat Latex Paint		pail		
	Ready mix top coat (shade varies)		pail		
	#80 water proof sand paper		ft		
	#100 water proof sand paper		ft		
	Patching Compound		sacks		
c	flooring (Epoxy Floor Coating)				
	Moisture Barrier Primer		gal		
	Epoxy Final Coating		gal		
	#80 water proof sand paper		ft		
	#100 water proof sand paper		ft		
	Spreader		pcs		
	6" Roller Brush		pcs		
	2" Paint Brush		pcs		
	4" Paint Brush		pcs		
	Other accessories		lot		
Material Cost					
Labor Cost					
Direct Cost					
Indirect Cost					
VAT					
Sub Total					
VI	ELECTRICAL				
	Main Panel Board 9 holes w/ 75 Amp main 2P CB bolt-on w/ 8 branches, 5 - 2P/30A CB, 2- 2P/20A CB, 1-2P 15A CB		lot		
	30mm² THHN wire		mtrs		
	3.5mm² THHN/green		box		
	3.5mm² THHN		box		
	5.5mm² THHN		box		
	8" Recessed Slim LED Downlight 18W square, AC 220V, 60Hz, IP 40 (indoor), 1001 Lumens (good quality/heavy duty)(daylight)		set		
	5" Recessed Slim LED Downlight 9W square, AC 220V, 60Hz, IP 40 (indoor), 1001 Lumens (good quality/heavy duty)(daylight)		set		
	2-gang switch concealed		sets		
	Duplex C.O concealed (Universal type) w/ ground, 3 prong wide series		pcs		
	2"x 4" utility box PVC		pcs		
	4"x 4" junction box PVC		pcs		
	20mmø uPVC pipe		pcs		
	300ml PVC solvent cement		can		
	Electrical tape (big)		pcs		
	Hardwares and accessories (screws, nails, etc.)		lot		

