 C.C. BUENCAMINO ARCHITECT ARCHITECTURE • PLANNING • DESIGN	C.C. BUENCAMINO ARCHITECT ARCHITECTURE PLANNING DESIGN Quezon City, Philippines	Bill of Materials
		4-Jul-24

Project Title: **Angat Buhay Training Farm Center**

Location: **Brgy. Del Rosario, City of Naga**


Gross Floor area: 103.5 sqm

Summary

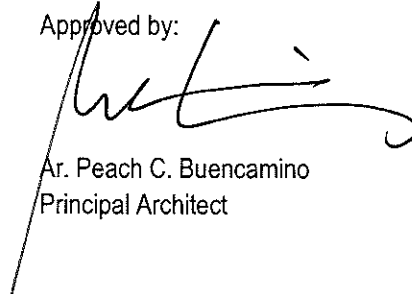
Item	Description	%	Amount
1	Mobilization and Civil Works	5%	60,000.00
2	Structural Works	20%	244,864.00
3	Architectural Works		
	Masonry Works	11%	130,694.00
	Floor Finishes	9%	109,671.40
	Ceiling Finishes	3%	41,140.00
	Roofing works	21%	262,570.00
	Doors and Windows	5%	55,815.00
	Painting Works	7%	82,199.70
	Specialty Works	4%	53,500.00
4	Electrical Works	6%	76,228.43
5	Plumbing Works	7%	82,830.00
6	Landscape works	2%	30,000.00

Total Construction Cost	1,229,512.53
30% Labor Cost	368,853.76
Total Project Cost	1,598,366.28
Cost Per Square Meter	15,443.15

Prepared by:


 Ar. Darius T. Mallari
 Architect

Approved by:


 Ar. Peach C. Buencamino
 Principal Architect

ANGAT BUHAY TRAINING FARM CENTER	Bill of Materials
Brgy. Del Rosario, City of Naga	

I. Excavation works

Site Clearing, Cleaning, amd Grubbing	1 lot	20,000.00	15,000.00
Excavation, Backfilling and Compaction	1 lot	30,000.00	25,000.00
Gravel Bedding	1 lot	25,000.00	20,000.00
Total Civil works			60,000.00

II. Structural Works

Foundation			
Cement	59 bags	220.00	12,980.00
Sand	3.4 cu.m.	2,000.00	6,800.00
Gravel	5.5 cu.m.	2,200.00	12,100.00
12mm rsb	42 pcs	206.00	8,652.00
10mm rsb	67 pcs	145.00	9,715.00
Tiewire	6.5 kgs	1,300.00	8,450.00
SubTotal Foundation			58,697.00

Column			
Cement	25 bags	220.00	5,500.00
Sand	1.4 cu.m.	2,000.00	2,800.00
Gravel	1.7 cu.m.	2,200.00	3,740.00
12mm rsb	52 pcs	206.00	10,712.00
10mm rsb	48 pcs	145.00	6,960.00
Tiewire	9 kgs	1,300.00	11,700.00
Sub Total Column			41,412.00

Beam			
Cement	30 bags	220.00	6,600.00
Sand	1.7 cu.m.	2,000.00	3,400.00
Gravel	3.4 cu.m.	2,200.00	7,480.00
12mm rsb	100 pcs	206.00	20,600.00
10mm rsb	25 pcs	145.00	3,625.00
Tiewire	8.8 kgs	1,300.00	11,440.00
SubTotal Beam			53,145.00

Slab			
Cement	94 bags	220.00	20,680.00
Sand	5.2 cu.m.	2,000.00	10,400.00
Gravel	10.4 cu.m.	2,200.00	22,880.00
10mm RSB	170 pcs	145.00	24,650.00
Tiewire	10 kgs	1,300.00	13,000.00
SubTotal Slab			91,610.00

Total Structural Works 244,864.00

IV Architectural Finishes

Masonry Works

6" CHB	672 pcs	22.00	14,784.00
4" CHB	1077 pcs	20.00	21,540.00
Cement	188 bags	220.00	41,360.00
Sand	13.3 cu.m	2,000.00	26,600.00
10mm RSB	82 pcs	145.00	11,890.00
Tiewire	5.5 kgs	1,300.00	7,150.00

Accent Wall

6" CHB	120 pcs	20.00	2,400.00
Cement	8 bags	220.00	1,760.00
Sand	0.7 cu.m	2,000.00	1,400.00
10mm RSB	8 pcs	145.00	1,160.00
Tiewire	0.5 kgs	1,300.00	650.00

SubTotal Masonry Works 130,694.00

Floor Finish

60x60 Floor Tiles	60 pcs	500.00	30,000.00
30x60 Wall tiles	8 pcs	200.00	1,600.00
Polished Floor	88 sqm	700.00	61,600.00
Tile Bedding	23.04 sqm	160.00	3,686.40
Adhesive	9 bags	350.00	3,150.00
Consumables	1 lot	9,635.00	9,635.00

SubTotal Floor Finish 109,671.40

Ceiling Finish

7mm thk Ficem board	30 pcs	956.00	28,680.00
7mm thk Gypsum board	7 pcs	650.00	4,550.00
Metal Furring	22 pcs	120.00	2,640.00
C-Channel	10 pcs	133.00	1,330.00
Screw	200 pcs	1.00	200.00
Consumables	1 lot	3,740.00	3,740.00

SubTotal Ceiling Finish 41,140.00

Roofing Works

Framing	1 lot	70,000.00	70,000.00
Roof Sheets	185 l.m.	800.00	148,000.00
Bended Accessories	23 pcs	900.00	20,700.00
Hardware Accessories and Consumables	1 lot	23,870.00	23,870.00

Total Roofing Works 262,570.00

Doors and Windows

Doors

0.80m x 2.10m Panel Door	2 set	7,000.00	14,000.00
0.70m x 2.10m Panel Door	1 set	6,200.00	6,200.00
0.60m x 2.1m PVC Door	1 set	2,600.00	2,600.00
Door knob	5 pcs	500.00	2,500.00
Hinges	8 pcs	500.00	4,000.00

<i>Windows</i>			
1.20m x 1.20m casement window	1 set	7,500.00	7,500.00
0.60m x 0.60m awning window	1 set	3,500.00	3,500.00
1.2mx1.80m Roll up window	1 set	7,500.00	7,500.00
1.2mx1.30m Roll up window	1 set	6,000.00	6,000.00
Consumables	1 lot	2,015.00	2,015.00
	Total Doors and Windows		55,815.00
 <i>Painting Works</i>			
Neutralizer	15 gals	485.00	7,275.00
Masonry Putty	15 gals	341.00	5,115.00
Skimcoat	30 bags	693.00	20,790.00
Paint Thinner	4 gals	273.00	1,092.00
Elastomeric Paint	10 gals	1,200.00	12,000.00
Latex Paint	6 gals	865.00	5,190.00
Primer	15 gals	880.00	13,200.00
Sandpaper	15 pcs	15.00	225.00
 <i>Metal Works</i>			
Primer	3 gals	880.00	2,640.00
Top Coat	6 gals	1,200.00	7,200.00
Consumables	1 lot	7,472.70	7,472.70
	SubTotal Painting works		82,199.70
 <i>Specialty Works</i>			
Angat Buhay Logo	1 set	10,000.00	10,000.00
Training Center Build-up letters	1 lot	19,500.00	19,500.00
Steel framing at transom (front and rear)	2 sets	12,000.00	24,000.00
	SubTotal Specialty Works		53,500.00
	Total Architectural Finishes		735,590.10
 Electrical Works			
Panel Board	1 set	15,000.00	15,000.00
Wires			
3.5 mm ² THHNWire	1 roll	4,331.00	4,331.00
5.5 mm ² THHNWire	0.5 roll	6,526.00	3,263.00
2.0 mm ² THHNWire	0.5 roll	3,003.00	1,501.50
Outlets and Devices			
Duplex Outlet	7 pcs	289.00	2,023.00
1 gang switch	3 pcs	180.00	540.00
2 gang switch	2 pcs	290.00	580.00
Lighting Fixtures			
LED Pin lights	3 pcs	1,620.00	4,860.00
Troffer Lights	8 pcs	1,500.00	12,000.00
Wall Mounted Lights	9 pcs	1,500.00	13,500.00
PVC Pipes and fittings	1 lot	15,000.00	15,000.00
Minor tools and consumables	1 lot	3,629.93	3,629.93

Total Electrical Works 76,228.43

Plumbing Works

Waterline	1 lot	7,500.00	7,500.00
Sewer line	1 lot	10,000.00	10,000.00
Fixtures			
Water Closet	1 set	9,500.00	9,500.00
Lavatory	1 set	5,000.00	5,000.00
Sink	1 set	3,500.00	3,500.00
Urinal	1 set	3,000.00	3,000.00
Floor drain	1 set	300.00	300.00
Hose Bibb	3 set	500.00	1,500.00
Septic Tank Construction	1 lot	35,000.00	35,000.00
Consumables	1 lot	7,530.00	7,530.00
	Total Plumbing Works		82,830.00