

**ESTABLISHMENT OF DORMITORY AND BUSINESS CENTER**

**Tanay Campus**

**DETAILED ESTIMATE**

ITEM	WORK DESCRIPTION	QTY	UNIT	UNIT COST (P)		COST		TOTAL (P)
				MATERIAL	LABOR	MATERIAL	LABOR	
<b>I.</b>	<b>MOBILIZATION/DEMOBILIZATION</b>	<b>1.00</b>	<b>lot</b>					
<b>II.</b>	<b>SITE WORKS (RETAINING WALL)</b>							
<b>a.</b>	<b>Cutting of Trees/Trimming of Trees</b>	<b>1</b>	<b>lot</b>					
1.00	Foreman	2	days					
1.00	Skilled	2	days					
5.00	Laborers	2	days					
	Permits	1	lot					
<b>b.</b>	<b>Site Clearing</b>	<b>1</b>	<b>lot</b>					
1.00	Foreman	1	day					
5.00	Laborers	1	day					
<b>c.</b>	<b>Earthworks</b>	<b>1</b>	<b>lot</b>					
	Excavation	73.53	m3					
	Backfill	3.97	m3					
	Excavation (Cut & Fill)	141.08	m3					
<b>d.</b>	<b>Field-Mix Concrete</b>	<b>28.92</b>	<b>m3</b>					
	Cement	274	bags					
	Sand	14.46	m3					
	Gravel (¾")	28.92	m3					
<b>e.</b>	<b>Rebar Works</b>	<b>1</b>	<b>lot</b>					
	<b>Footing</b>	<b>756.81</b>	<b>kgs.</b>					
	16mm Ø RSB Gr. 40	756.81	kgs.					
	#16 G.I. Tie Wires	7	kgs.					
	<b>Columns</b>	<b>1431.92</b>	<b>kgs.</b>					
	20mm Ø RSB Gr. 40	1019.94	kgs.					
	10mm Ø RSB Gr. 40	411.98	kgs.					
	#16 G.I. Tie Wires	11	kgs.					
	<b>Tie Beam</b>	<b>875.22</b>	<b>kgs.</b>					
	20mm Ø RSB Gr. 40	616.5	kgs.					
	10mm Ø RSB Gr. 40	258.72	kgs.					
	#16 G.I. Tie Wires	11	kgs.					
	<b>Beams (B1/B2)</b>	<b>1750.44</b>	<b>kgs.</b>					
	20mm Ø RSB Gr. 40	1233	kgs.					
	10mm Ø RSB Gr. 40	517.44	kgs.					
	#16 G.I. Tie Wires	22	kgs.					
<b>f.</b>	<b>Formworks</b>	<b>1</b>	<b>lot</b>					
	<b>Footing</b>	<b>25.2</b>	<b>m2</b>					
	Form Plywood ½" Thk.	5	pcs.					
	Coco Lumber (Form/ Scaff.)	158	BF					
	CW Nail	6	kgs.					
	#16 G.I. Tie Wires	4	kgs.					
	<b>Tie Beam/Beams</b>	<b>25.65</b>	<b>m2</b>					
	Form Plywood ½" Thk.	5	pcs.					
	Coco Lumber (Form/ Scaff.)	158	BF					
	CW Nail	6	kgs.					
	#16 G.I. Tie Wires	4	kgs.					
	<b>Columns</b>	<b>54.18</b>	<b>m2</b>					
	Form Plywood ½" Thk.	10	pcs.					
	Coco Lumber (Form/ Scaff.)	315	BF					
	CW Nail	8	kgs.					
	#16 G.I. Tie Wires	7	kgs.					
<b>g.</b>	<b>CHB Wall</b>	<b>75.00</b>	<b>m2</b>					
	6" CHB	1024.00	pcs					
	Cement	60.00	bags					
	Sand	6.33	m3					
	10mm Ø x 6.0m RSB Gr. 40	1186.42	kgs.					
	#16 G.I. Tie Wires	9.50	kgs.					
<b>III.</b>	<b>EARTHWORKS</b>							
<b>a.</b>	Excavation	253.63	m3					
<b>b.</b>	Excavation (CR)	7.00	m3					
<b>c.</b>	Backfill	185.07	m3					
<b>d.</b>	Backfill (CR)	2.50	m3					
<b>e.</b>	Earthfill	39.53	m3					
<b>f.</b>	Gravel Fill (G-1)	20.09	m³					
<b>g.</b>	Soil Poisoning Chemical	616.33	m2					
<b>h.</b>	Anti-Termite Chemical	366.01	m2					
<b>IV.</b>	<b>CONCRETE WORKS</b>							

<b>a.</b>	<b>Field Mix Concrete</b>	<b>121.08</b>	<b>m³</b>					
	Footing	30.85	m³					
	Tie beams	10.17	m³					
	Wall Footing (WF-1)	0.70	m³					
	Wall Footing (WF-1) (CR)	2.00	m³					
	Columns	29.85	m³					
	Roof beams	9.38	m³					
	Stair	11.40	m³					
	Slab on Fill	24.35	m³					
	Ramp	0.70	m³					
	Media agua	1.68	m³					
	Cement	1,145.00	bags					
	Sand	60.54	m³					
	Gravel (¾")	121.08	m³					
<b>b.</b>	<b>Ready-Mix Concrete</b>	<b>38.42</b>	<b>m³</b>					
	Beams (B-1/B-2&B-4/B-3)	17.94	m³					
	2nd floor Slab	20.48	m³					
	Ready-Mix Concrete	38.42	m³					
	Pumpcrete (min 50m3 per set-up)	50.00	m³					
	Labor/ Equipment (Pouring of concrete for slab & beam)							
1.00	Foreman	2.00	days					
4.00	Mason	2.00	days					
1.00	Carpenter	1.00	day					
8.00	Laborers	1.00	day					
1.00	Operators	1.00	day					
	Concrete Vibrator	1.00	day					
<b>V.</b>	<b>REBAR WORKS</b>							
<b>a.</b>	<b>Footing</b>	<b>2,484.30</b>	<b>kgs.</b>					
	16mm Ø RSB Gr. 40	2,484.30	kgs					
	#16 G.I. Tie Wires	19.50	kgs.					
<b>b.</b>	<b>Tiebeam</b>	<b>2,931.67</b>	<b>kgs.</b>					
	20mm Ø RSB Gr. 40	2,289.40	kgs					

	10mm Ø RSB Gr. 40	642.27	kgs					
	#16 G.I. Tie Wires	40.00	kgs.					
<b>c.</b>	<b>Wall Footing/CR</b>	<b>57.40</b>	<b>kgs.</b>					
	12mm Ø RSB Gr. 40	42.62	kgs					
	10mm Ø RSB Gr. 40	14.78	kgs					
	#16 G.I. Tie Wires	1.50	kgs.					
<b>d.</b>	<b>Columns</b>	<b>6,027.53</b>	<b>kgs.</b>					
	20mm Ø RSB Gr. 40	2,691.28	kgs					
	20mm Ø RSB Gr. 40	118.37	kgs					
	16mm Ø RSB Gr. 40	576.46	kgs					
	10mm Ø RSB Gr. 40	2,641.42	kgs					
	#16 G.I. Tie Wires	109.00	kgs.					
<b>e.</b>	<b>Beams</b>	<b>5,661.34</b>	<b>kgs.</b>					
	16mm Ø RSB Gr. 40	219.89	kgs					
	20mm Ø RSB Gr. 40	3,127.01	kgs					
	12mm Ø RSB Gr. 40	386.74	kgs					
	10mm Ø RSB Gr. 40	1,176.54	kgs					
	25mm Ø RSB Gr. 60	751.16	kgs					
	#16 G.I. Tie Wires	63.50	kgs.					
<b>f.</b>	<b>2nd Floor Slab</b>	<b>4,452.77</b>	<b>kgs.</b>					
	12mm Ø RSB Gr. 40	2,105.91	kgs					
	10mm Ø RSB Gr. 40	2,346.86	kgs					
	#16 G.I. Tie Wires	70.00	kgs.					
<b>g.</b>	<b>Roof Beams</b>	<b>2,605.20</b>	<b>kgs.</b>					
	16mm Ø RSB Gr. 40	1,913.28	kgs					
	10mm Ø RSB Gr. 40	691.92	kgs					
	#16 G.I. Tie Wires	38.50	kgs.					
<b>h.</b>	<b>Stair</b>	<b>1,571.20</b>	<b>kgs.</b>					
	16mm Ø RSB Gr. 40	530.20	kgs					
	20mm Ø RSB Gr. 40	88.78	kgs					
	10mm Ø RSB Gr. 40	280.90	kgs					
	12mm Ø RSB Gr. 40	671.32	kgs					
	#16 G.I. Tie Wires	31.00	kgs.					
<b>i.</b>	<b>Slab on Fill</b>	<b>939.55</b>	<b>kgs.</b>					
	10mm Ø RSB Gr. 40	939.55	kgs					
	#16 G.I. Tie Wires	18.00	kgs.					
<b>j.</b>	<b>Ramp</b>	<b>40.66</b>	<b>kgs.</b>					
	10mm Ø RSB Gr. 40	40.66	kgs					
	#16 G.I. Tie Wires	0.75	kgs.					
<b>k.</b>	<b>Media Agua</b>	<b>68.35</b>	<b>kgs.</b>					
	10mm Ø RSB Gr. 40	68.35	kgs					
	#16 G.I. Tie Wires	2.50	kgs.					
<b>VI.</b>	<b>FORMWORKS</b>							
<b>a.</b>	<b>Footing</b>	<b>61.68</b>	<b>m2</b>					
	Form Plywood ½" Thk.	14.00	pcs.					
	Coco Lumber (Form/ Scaff.)	216.00	BF					
	CW Nail	31.00	kgs.					
<b>b.</b>	<b>Tie Beam</b>	<b>86.41</b>	<b>m2</b>					
	Form Plywood ½" Thk.	20.00	pcs.					
	Coco Lumber (Form/ Scaff.)	317.00	BF					
	CW Nail	30.00	kgs.					
<b>c.</b>	<b>Wall Footing (WF-1)</b>	<b>13.60</b>	<b>m2</b>					
	Form Plywood ½" Thk.	4.00	pcs.					
	Coco Lumber (Form/ Scaff.)	120.00	BF					
	CW Nail	4.00	kgs.					
<b>d.</b>	<b>Wall Footing (WF-1) (CR)</b>	<b>20.00</b>	<b>m2</b>					
	Form Plywood ½" Thk.	4.00	pcs.					
	Coco Lumber (Form/ Scaff.)	120.00	BF					
	CW Nail	4.00	kgs.					
	#16 G.I. Tie Wires	2.00	kgs.					
<b>e.</b>	<b>Columns</b>	<b>359.40</b>	<b>m2</b>					
	Form Plywood ½" Thk.	74.00	pcs.					

	Good Lumber (Form/ Scaff.)	4,409.00	BF					
	CW Nail	88.00	kgs.					
<b>f.</b>	<b>Beams (B-1/B-2&amp;B-4/B-3)</b>	<b>249.85</b>	<b>m2</b>					
	Form Plywood ½" Thk.	42.00	pcs.					
	Good Lumber (Form/ Scaff.)	2,667.00	BF					
	CW Nail	55.00	kgs.					
<b>g.</b>	<b>2nd floor Slab</b>	<b>262.35</b>	<b>m2</b>					
	Form Plywood ½" Thk.	93.00	pcs.					
	Good Lumber (Form/ Scaff.)	6,586.00	BF					
	CW Nail	99.00	kgs.					
<b>h.</b>	<b>Roof beams</b>	<b>141.21</b>	<b>m2</b>					
	Form Plywood ½" Thk.	23.00	pcs.					
	Good Lumber (Form/ Scaff.)	1,351.00	BF					
	CW Nail	32.00	kgs.					
<b>i.</b>	<b>Stair</b>	<b>41.76</b>	<b>m2</b>					
	Form Plywood ½" Thk.	16.00	pcs.					
	Coco Lumber (Form/ Scaff.)	720.00	BF					
	CW Nail	16.00	kgs.					
<b>j.</b>	<b>Ramp</b>	<b>2.10</b>	<b>m2</b>					
	Form Plywood 1/4" Thk.	1.00	pcs.					
	Coco Lumber (Form/ Scaff.)	30.00	BF					
	CW Nail	1.00	kg.					
<b>k.</b>	<b>Media agua</b>	<b>20.69</b>	<b>m2</b>					
	Form Plywood ½" Thk.	5.00	pcs.					
	Coco Lumber (Form/ Scaff.)	293.00	BF					
	CW Nail	8.00	kgs.					
<b>VII.</b>	<b>MASONRY WORKS</b>							
<b>a.</b>	<b>Laying of 6" CHB</b>	<b>467.92</b>	<b>m2</b>					
	6" CHB	6,135.00	pcs.					
	Cement	361.00	bags					
	Sand	39.54	m³					
	10mm Ø x 6.0m RSB Gr. 40	2,356.14	kgs.					
	#16 G.I. Tie Wires	11.50	kgs.					
<b>b.</b>	<b>Laying of 4" CHB (CR)</b>	<b>23.17</b>	<b>m2</b>					
	4" CHB	604.00	pcs.					
	Cement	20.00	bags					
	Sand	2.20	m³					
	10mm Ø x 6.0m RSB Gr. 40	110.88	kgs.					
	#16 G.I. Tie Wires	1.50	kgs.					
<b>VIII.</b>	<b>PLASTERING</b>							
<b>a.</b>	<b>Building</b>	<b>862.24</b>	<b>m2</b>					
	Cement	296.00	bags					
	Sand	13.88	m³					
	Boracay Pebbles	8.00	tins					
	White Cement	5.00	bags					
<b>b.</b>	<b>CR</b>	<b>73.28</b>	<b>m2</b>					
	Cement	26.00	bags					
	Sand	1.20	m³					
<b>IX.</b>	<b>TOPPING WORKS</b>	<b>421.65</b>	<b>m2</b>					
	Cement	181.00	bags					
	Sand	15.82	m³					
<b>X.</b>	<b>TILEWORKS</b>							
<b>a.</b>	<b>Floor Tiles (Ground and Second Floor)</b>	<b>234.00</b>	<b>m2</b>					
	Unglazed Tiles (0.30 x 0.30 m)	2,730.00	pcs.					
	Tile Adhesive	40.00	bags					
	Tile Grout	62.00	bags					
<b>b.</b>	<b>Floor Tiles (CR on Ground Floor)</b>	<b>31.74</b>	<b>m2</b>					
	Unglazed Tiles (0.20 x 0.20 m)	834.00	pcs.					
	Tile Adhesive	6.00	bags					
	Tile Grout	9.00	bags					
<b>c.</b>	<b>Wall Tiles (CR on Ground Floor)</b>	<b>127.24</b>	<b>m2</b>					
	Glazed Tiles (0.20 x 0.20 m)	3,340.00	pcs.					

	Tile Adhesive	22.00	bags						
	Tile Grout	34.00	bags						
<b>d.</b>	<b>Floor Tiles (CR/Shower Room on 2nd Floor)</b>	<b>15.68</b>	<b>m2</b>						
	Unglazed Tiles (0.20 x 0.20 m)	412.00	pcs.						
	Tile Adhesive	3.00	bags						
	Tile Grout	5.00	bags						
<b>e.</b>	<b>Wall Tiles (CR/Shower Room on 2nd Floor)</b>	<b>23.52</b>	<b>m2</b>						
	Unglazed Tiles (0.20 x 0.20 m)	618.00	pcs.						
	Tile Adhesive	4.00	bags						
	Tile Grout	7.00	bags						
<b>IX.</b>	<b>ROOF FRAMING</b>	<b>321.48</b>	<b>m2</b>						
	2" x 2" x 1/4" x 6.0m angle bar	84.00	pcs.						
	1 1/2" x 1 1/2" x 3/16" x 6.0m angle bar	91.00	pcs.						
	10mm Ø Sagrod	15.00	pcs.						
	1.5mm x 2" x 4" C-purlins w/ connectors	89.00	pcs.						
	12mm Ø x 6.0m Std. cross bracing	18.00	pcs.						
	10mm base plate	240.00	kgs.						
	16mm Ø x 500mm Anchor bolt A707	110.00	pcs.						
	12mm Ø Std. turn buckle	15.00	pcs.						
	6mm thk. Gusset plate	268.00	kgs.						
	Epoxy Primer	24.00	gals.						
	Lacquer Thinner	16.00	gals.						
	2" x 7" C-Purlins (Fascia)	27.00	pcs.						
	1" x 1/8" x 6.0m Flat Bar	9.00	pcs.						
<b>X.</b>	<b>STEEL RAILINGS</b>	<b>1.00</b>	<b>lot</b>						
	2" Ø x 6.0m G.I. Pipe Sched. 20	10.00	pcs.						
	16mm Ø x 6.0m Square Bar	40.00	pcs.						
	2" x 1/4" x 6.0m Flat Bar	25.00	pcs.						
	1 1/2" x 1/4" x 6.0m Flat Bar	32.00	pcs.						
	#18 Plain GI Sheet	2.00	pc.						
<b>XI.</b>	<b>HANDRAIL (STAIR)/ NOSING</b>	<b>1.00</b>	<b>lot</b>						
	Handrail 3" x 5"	238.00	BF						
	Square Bar 16mm x 6.0m	34.00	pcs.						
	Flat Bar 1/4" x 1 x 6.0m	10.00	pcs.						
	Wood Screw	280.00	pcs.						
	1 1/2" x 1 1/2" x 3/16" x 6.0m angle bar	28.00	pcs.						
	10mm Ø x 6.0m RSB Gr. 40	74.00	kgs.						
<b>XII.</b>	<b>HANDRAIL (RAMP)</b>	<b>1.00</b>	<b>lot</b>						
	1 1/2" Ø Stainless Steel Pipe	4.00	pcs.						
	Bending	4.00	sets						
<b>XIII.</b>	<b>TINSMITHRY</b>								
<b>a.</b>	<b>Roofing</b>	<b>343.14</b>	<b>m2</b>						
	#26 Pre-painted Roofing Sheet (Rib Type)	343.14	Lm						
	Texscrew	2,815.00	pcs.						
	Vulcaseal	6.00	qrt.						
<b>b.</b>	<b>Gutter</b>	<b>60.00</b>	<b>Lm</b>						
	#24 Pre-painted Gutter (S-Type)	60.00	Lm						
	Rivets	370.00	pcs.						
	Vulcaseal	1.00	qrt.						
36.00	Scaffolding	4.00	days						
<b>c.</b>	<b>Ridge Roll</b>	<b>28.38</b>	<b>Lm</b>						
	#26 Pre-painted Ridge Roll	28.38	Lm						
	Rivets	180.00	pcs.						
	Vulcaseal	1.00	qrt.						
<b>d.</b>	<b>Flashing</b>	<b>31.20</b>	<b>Lm</b>						
	#26 Pre-painted Flashing	31.20	Lm						
	Rivets	195.00	pcs.						
	Vulcaseal	1.00	qrt.						
<b>e.</b>	<b>Downspout</b>	<b>80.00</b>	<b>Lm</b>						
	PVC Downspout 3"Ø x 10'	26.00	pcs.						
	PVC Elbow 3" Ø	20.00	pcs.						
	PVC Coupling 3" Ø	20.00	pcs.						
	Wire Mesh with Streamer	10.00	pcs.						
	Touch-up Paint	4.00	cans						
<b>XIV.</b>	<b>CARPENTRY</b>								
<b>a.</b>	<b>Ceiling</b>	<b>321.48</b>	<b>m2</b>						

	Hardiflex ¼" x 4' x 8'	120.00	pcs.					
	Metal Furring	268.00	pcs.					
	C-Furring (+ hanger)	183.00	pcs.					
	Edger	54.00	pcs.					
	C-Clip	581.00	pcs.					
	Black Screw	9,117.00	pcs.					
	Rivets	5,031.00	pcs.					
36.00	Scaffolding	10.00	days					
	<b>b. Airvent</b>	<b>1.00</b>	<b>lot</b>					
	12"x8' Straight PVC Airvent	10.00	pcs					
	Rivets	300.00	pcs.					
	Mesh Wire	12.00	m					
	<b>XV. DOORS</b>							
	<b>a. Panel Door (1.0x 2.10)</b>	<b>4.00</b>	<b>sets</b>					
	Panel Door (1.0x 2.10)	4.00	sets					
	L.P. Hinges (3½ x 3½)	16.00	pcs.					
	Door Lock Set	4.00	sets					
	CW Nails	4.00	kgs.					
	<b>b. Flush Door (0.80x 1.70)</b>	<b>2.00</b>	<b>set</b>					
	Flush Door (0.80x 1.70)	2.00	set					
	L.P. Hinges (3½ x 3½)	6.00	pcs.					
	Door Lock Set	2.00	sets					
	CW Nails	2.00	kgs.					
	<b>c. Flush Door (0.60x 2.10) (CR on 2nd Floor)</b>	<b>8.00</b>	<b>sets</b>					
	Flush Door (0.60x 2.10)	8.00	sets					
	L.P. Hinges (3½ x 3½)	24.00	pcs.					
	Door Lock Set	8.00	sets					
	CW Nails	3.00	kgs.					
	<b>d. Flush Door (0.60x 2.10) (CR on Ground Floor)</b>	<b>4.00</b>	<b>sets</b>					
	Flush Door (0.60x 2.10)	4.00	set					
	L.P. Hinges (3½ x 3½)	16.00	pcs.					
	Door Lock Set	4.00	sets					
	CW Nails	3.00	kgs.					
	<b>e. Flush Door (0.60x 1.50) (CR on Ground Floor)</b>	<b>6.00</b>	<b>sets</b>					
	Flush Door (0.60x 1.50)	6.00	set					
	L.P. Hinges (3½ x 3½)	18.00	pcs.					
	Door Lock Set	6.00	sets					
	<b>f. Powder Coated Alum. Frame w/ 6mm thk. Tempered Glass</b>	<b>4.00</b>	<b>sets</b>					
	Powder Coated Alum. Frame w/ 6mm thk. Tempered Glass	502.85	ft²					
	<b>g. Steel Folding Door</b>	<b>2.00</b>	<b>units</b>					
	1x 1/4 Flat Bar	38.00	pcs.					
	12.mm Square Bar	30.00	pcs.					
	12mm Cylindrical Hinges	64.00	pcs.					
	Fab. Barrel Bolts 12mm	16.00	pcs.					
	2 x 4 Roller Track	2.00	pc.					
	Roller Assembly (Heavy Duty)	20.00	pcs.					
	Welding Rod	6.00	kgs.					
	Door Lock	2.00	set					
	<b>XVI. JAMB</b>	<b>324.06</b>	<b>BF</b>					
	Jamb	324.06	BF					
	CW Nails	5.00	kgs.					
	<b>XVII. JAMB (CR)</b>	<b>128.00</b>	<b>BF</b>					
	Jamb	128.00	BF					
	CW Nails	4.00	kgs.					
	<b>XVIII. WINDOWS</b>							
	<b>a. W-1 (3m x 1.5m)</b>	<b>8.00</b>	<b>sets</b>					
	Steel Casement Window	388.00	ft²					
	<b>b. W-2 (2m x 1.5m)</b>	<b>8.00</b>	<b>sets</b>					
	Steel Casement Window	129.10	ft²					
	<b>c. W-3 (3m x 2.3m)</b>	<b>2.00</b>	<b>set</b>					
	1/4" thk. Industrex Fixed glass transf.	149.00	pcs.					
	Window Jambs 2" x 6"	200.00	BF					
	CW Nails	2.00	kgs.					
	<b>d. W-4 (1.2m x 0.60m) (CR)</b>	<b>4.00</b>	<b>sets</b>					
	Steel Casement Window	31.00	ft²					

e.	<b>W-5 (0.6m x 0.60m)</b>	<b>12.00</b>	<b>sets</b>						
	Steel Casement Window	46.48	ft <sup>2</sup>						
f.	<b>1/8" thk industrex fixed glass (1mx0.30m)</b>	<b>4.00</b>	<b>sets</b>						
<b>XIX.</b>	<b>CATCH BASIN</b>	<b>10.00</b>	<b>units</b>						
	4" CHB	320.00	pcs.						
	Cement	29.00	bags						
	Sand	2.63	m <sup>3</sup>						
	Gravel 3/4"	0.75	m <sup>3</sup>						
	10mm Ø x 6.0m RSB Gr. 40	28.00	pcs.						
	#16 G.I. Tie Wires	2.00	kgs.						
<b>XX.</b>	<b>DRAINAGE LINE</b>	<b>80.40</b>	<b>Lm</b>						
	4"Øx10' PVC Pipe	28.00	pcs.						
	4"Øx10' PVC Coupling	16.00	pcs.						
<b>XXI.</b>	<b>PAINTING</b>								
<b>a.</b>	<b>CHB Wall</b>	<b>1,139.69</b>	<b>m2</b>						
	Latex Paint (Flat)	46.00	gals.						
	Masonry Putty	15.00	gals.						
	Latex Paint (gloss)	78.00	gals.						
	Acre Color (¼ Lit.)	13.00	cans						
	Concrete Neutralizer	5.00	gals.						
36.00	Scaffolding	5.00	days						
<b>b.</b>	<b>Ceiling</b>	<b>328.32</b>	<b>m2</b>						
	Flat Wall Enamel	14.00	gals.						
	Putty	5.00	gals.						
	Quick Dry Enamel	23.00	gals.						
	Paint Thinner	5.00	gals.						
	Tinting Color (¼ Lit.)	4.00	cans						
36.00	Scaffolding	4.00	days						
<b>c.</b>	<b>Doors</b>	<b>31.64</b>	<b>m2</b>						
	Flat Wall Enamel	2.00	gals.						
	Putty	1.00	gals.						
	Quick Dry Enamel	3.00	gals.						
	Paint Thinner	1.00	gals.						
	Tinting Color (¼ Lit.)	1.00	cans						
	Sand Paper	3.00	pcs.						
<b>d.</b>	<b>Steel</b>	<b>152.74</b>	<b>m2</b>						
	Epoxy Primer	7.00	gal.						
	Quick Dry Enamel	10.00	gal.						
	Paint Thinner	3.00	gal.						
<b>e.</b>	<b>CHB Wall (CR)</b>	<b>22.44</b>	<b>m2</b>						
	Latex Paint (Flat)	2.00	gals.						
	Masonry Putty	0.50	gals.						
	Latex Paint (gloss)	2.00	gals.						
	Acre Color (¼ Lit.)	2.00	cans						
	Concrete Neutralizer	2.00	qrt						
<b>f.</b>	<b>Doors (CR on Ground Floor)</b>	<b>20.88</b>	<b>m2</b>						
	Flat Wall Enamel	1.00	gals.						
	Putty	0.50	gals.						
	Quick Dry Enamel	2.00	gals.						
	Paint Thinner	1.00	gals.						
	Tinting Color (¼ Lit.)	2.00	cans						
	Sand Paper	4.00	pcs.						
<b>g.</b>	<b>Window (CR on Ground Floor)</b>	<b>5.16</b>	<b>m2</b>						
	Epoxy Primer	0.50	gal.						
	Quick Dry Enamel	0.50	gal.						
	Paint Thinner	4.00	btls						
<b>XXII.</b>	<b>PLUMBING WORKS</b>								
<b>a.</b>	<b>Water Closet w/ Fittings</b>	<b>10.00</b>	<b>sets</b>						
<b>b.</b>	<b>Lavatory w/ Fittings</b>	<b>8.00</b>	<b>sets</b>						
<b>c.</b>	<b>Paper Holder</b>	<b>10.00</b>	<b>pcs.</b>						
<b>d.</b>	<b>Soap Holder</b>	<b>8.00</b>	<b>pcs.</b>						
<b>e.</b>	<b>Kitchen Sink</b>	<b>2.00</b>	<b>sets</b>						
<b>f.</b>	<b>Accessories</b>	<b>1.00</b>	<b>lot</b>						
	F.D. Strainer	16.00	pcs.						
	G.I. Faucet	4.00	pcs.						
	Shower Head and Accessories	4.00	sets						
	Hose Bibb	10.00	pc.						
	Gate Valve	2.00	units						
	Check Valve	1.00	unit						

	Water Meter	1.00	unit						
<b>g.</b>	<b>Sewer Line (S-1000, Schedule 40) BRAND: EMERALD/NELTEX</b>	<b>1.00</b>	<b>Lot</b>						
	PVC 100 mm Ø 45° Elbow	43.00	pcs						
	PVC 100 mm Ø Pipe	39.00	pcs						
	PVC 150 mm Ø Pipe	30.00	pcs						
	PVC 50 mm Ø pipe	10.00	pcs						
	PVC 50 mm Ø X 50 mm Ø Tee	3.00	pcs						
	PVC 100 mm Ø X 100 mm Ø Tee	3.00	pcs						
	PVC 100 mm Ø X 50 mm Ø Tee	3.00	pcs						
	PVC 50 mm Ø P - Trap	3.00	pcs						
	PVC 75 mm Ø X 50 mm Ø Wye	3.00	pcs						
	PVC 100 mm Ø Clean Out	9.00	pcs						
	PVC 100 mm Ø X 50mm Ø cross or wye Tee	3.00	pcs						
	PVC 50 mm Ø X 50 mm Ø cross or wye Tee	3.00	pcs						
	PVC 100 mm Ø X 100 mm Ø cross or wye Tee	46.00	pcs						
	75 mm Ø Floor Drain	22.00	pcs						
<b>h.</b>	<b>Water Line (Pipes/NELTEX)</b>	<b>1.00</b>	<b>Lot</b>						
	PPR Pipe 19 mm Ø	40.00	L (4m/L)						
	PPR Pipe 25 mm Ø	30.00	L (4m/L)						
	PPR Pipe 19 mm Ø coupling	5.00	pcs						
	PPR Pipe 25 mm Ø coupling	10.00	pcs						
	PPR Pipe 25 mm x 20mm Ø coupling reducer	2.00	pcs						
	PPR Pipe 25 mm x 20mm Ø coupling tee reducer	1.00	pcs						
	PPR 19 mm Ø - 90° Elbow	6.00	pcs						
	PPR 25 mm Ø - 90° Elbow	3.00	pcs						
	PPR 19 mm Ø Female elbow	8.00	pcs						
	PPR 19 mm Ø Female tee	3.00	pcs						
	PPR 25 mm Ø - gate valve	1.00	pcs						
	PPR 19 mm Ø end cap	1.00	pcs						
	PPR 19 mm Ø - stop Valve socket end	1.00	pcs						
	PPR 19 mm Ø X 13 mm Ø TEE	5.00	pcs						
	PPR 13 mm Ø - Union Patente	2.00	pcs						
	PPR 19 mm Ø end cap	2.00	pcs						
	neltex pvc cement	3.00	pcs						
	hack saw blade (sandflex)	5.00	pcs						
	teflon tape	10.00	pcs						
<b>i.</b>	<b>Septic Vault (WxLxH) (1.5 x 4.6 x 2.110)</b>	<b>1.00</b>	<b>Lot</b>						
	6" CHB	449.00	pcs.						
	Cement	26.00	bags						
	Sand	2.77	m³						
	Gravel	1.04	m³						
	12mm Ø x 6.0m RSB	30.00	pcs.						
	10mm Ø x 6.0m RSB	31.00	pcs.						
	G.I. Tie Wire	2.00	kgs.						
	Plywood 1/4" Thk.	3.00	pcs.						
	Form Lumber	111.00	BF						
	CW Nails	5.00	kgs.						
	Excavation	14.90	m³						
<b>XXIII.</b>	<b>ELECTRICAL</b>								
<b>a.</b>	<b>Roughing-in (Conduits, fittings, hangers and supports including EMT/PVC)</b>	<b>1.00</b>	<b>Lot</b>						
	1/2" Ø Pipe	210.00	lght.						
	1/2" Ø Connector	90.00	pc.						
	1/2" Ø Coupling	40.00	pc.						
	2" Ø Pipe	2.00	lght.						
	2" Ø Connector	2.00	pc.						
	2" Ø Coupling	2.00	pc.						
	4" Ø Pipe	2.00	lght.						
	4" Ø Connector	2.00	pc.						
	4" Ø Coupling	2.00	pc.						
	<b>FLEXIBLE METALLIC CONDUIT</b>								
	1/2" dia. Flexible Metallic Conduit	50.00	m.						
	1/2" dia. Flexible LIQUID TIGHT Conduit	20.00	m.						
	1/2" dia. Straight Connector	15.00	m.						
	<b>LIGHTINGS FIXTURE</b>								
	EMERGENCY Light w/ Complete Fixture	8.00	assy.						
	1x40w FL Light w/ Complete Fixture	12.00	assy.						
	1x20w FL Light w/ Complete Fixture	10.00	assy.						
	CFL Light w/ Complete Fixture	39.00	assy.						
	<b>CONVENIENCE OUTLET</b>								
	Duplex C.O	49.00	assy.						
	<b>BOXES, Fumaco Brand</b>								
	Utility Box ga.16, deep type	87.00	pc.						
	Junction Box ga.16, deep type with cover	30.00	pc.						
	Square box ga.16 deep type	10.00	pc.						
	Pull box ga.(6"x6"x6")	5.00	pc.						
<b>b.</b>	<b>Wires, Duraflex Brand</b>	<b>1.00</b>	<b>Lot</b>						
	3.5mm² THHN Wire, Green	335.00	m.						
	14.0mm² THHN Wire, Green	20.00	m.						
	22.0mm² THHN Wire, Green	30.00	m.						
	3.5mm² THHN Wire, RYB	980.00	m.						
	5.5mm² THHN Wire, RYB	450.00	m.						
	38mm² THHN Wire, RYB	40.00	m.						
	125mm² THHN Wire, RYB	60.00	m.						
<b>c.</b>	<b>Panel Board</b>	<b>1.00</b>	<b>Lot</b>						
	Main: 250AT, 2P, 240V, MCCB	1.00	assy.						



	Branches:							
	1 - 125AT, 2P, 230V, MCCB							
	12 - 30AT, 2P, 230V, MCCB							
	Complete with grounding bus and terminal lugs							
	Main: 125AT, 2P, 240V, MCCB	1.00	assy.					
	Branches:							
	4 - 20AT, 2P, 230V, MCCB							
	14 - 30AT, 2P, 230V, MCCB							
	Complete with grounding bus and terminal lugs							
	ECB: 250AT, 2P, 230V, MCCB	1.00	assy.					
	ECB: 30AT, 2P, 230V, MCCB	10.00	assy.					
	Rubber tape	10.00	roll					
	G.I. Wire ga. 16	15.00	kg.					
	3/8" Ø Mica tube	2.00	lm.					
	400cc PVC Solvent Cement	10.00	can					
	Hangers and supports of Conduits and Fixtures	1.00	lot					
	<b>d. Service Entrance Post</b>	<b>1.00</b>	<b>unit</b>					
	Cement	6.00	bags					
	Sand	0.30	m <sup>3</sup>					
	Gravel	0.60	m <sup>3</sup>					
	12mmØ X 6m RSB	9.00	pcs.					
	10mmØ X 6m RSB	7.00	pcs.					
	#16 GI Wire	6.00	pcs.					
	¼X4x8 Plywood	2.00	pcs.					
	Form Lumber	130.00	bf.					
	CWN	1.00	kg.					
	Foreman	2.00	md.					
	Masons	4.00	md.					
	Laborers	4.00	md.					
	<b>XXIV. CONSTRUCTION SAFETY &amp; HEALTH PROGRAM</b>							
	<b>a. Personal Protective Equipment</b>	<b>1.00</b>	<b>lot</b>					
	1 Safety Officer	155.00	hrs.					
	1 Health Personnel (Full Time)	270.00	days					
	Safety Helmet	1,445.00	m.d.					
	Safety Shoes	1,190.00	m.d.					
	Safety Vest	1,446.00	m.d.					
	Working Gloves	1,444.00	m.d.					
	Raincoats	440.00	m.d.					
	Dust Mask	457.00	m.d.					
	Body Harness	296.00	m.d.					
	Rubber Boots	504.00	m.d.					
	Goggles	132.00	m.d.					
	<b>b. Temporary Facility</b>	<b>1.00</b>	<b>lot</b>					
	Ordinary Plywood ¼" x 4' x 8'	11.00	pcs.					
	Coco Lumber	180.00	bdf.					
	Ord. Corr. GI Sheets 0.40 x 10'	6.00	pcs.					
	CWN	2.00	kgs.					
	Umbrella Nail	2.00	kgs.					
	<b>c. Enclosure</b>	<b>87.00</b>	<b>Lm</b>					

