

**SUBJECT : BILL OF MATERIALS**  
**PROJECT : PROPOSED SITE DEVELOPMENT**  
**III. CLOSED FENCE & FENCE w/ STEEL WORKS**  
**LOCATION : BRGY. DAPDAP, ALANG-ALANG, LEYTE**  
**OWNER :RCAP**

**SUMMARY**

**A. CLOSED FENCE**

1.0 EARTHWORKS	139,150.00
2.0 FORMWORKS	542,002.50
3.0 CONCRETE WORKS	1,067,680.50
4.0 MASONRY WORKS	1,210,587.00
5.0 PAINTING	502,600.00

**SUB-TOTAL TOTAL (A) .....P 3,462,020.00**

**B. FENCE W/ STEELWORKS**

1.0 EARTHWORKS	77,300.00
2.0 FORMWORKS	195,195.00
3.0 CONCRETE WORKS	488,659.60
4.0 MASONRY WORKS	509,103.00
5.0 STEELWORKS	970,755.80
6.0 PAINTING	327,250.00

**SUB-TOTAL TOTAL (B) .....P 2,568,263.40**

**TOTAL MATERIAL & LABOR COST .....P 6,030,283.40**

CONTINGENCIES (10%) 603,028.34

CONSTRUCTOR'S PROFIT (10%) 603,028.34

**TOTAL PROJECT COST .....P 7,236,340.08**

<u>UNIT</u>	<u>DESCRIPTION</u>	<u>U- COST</u>	<u>TOTAL</u>
<b>A. CLOSED FENCE</b>			
<b>1. EARTHWORKS</b>			
225.00	cu.m. a. 1. Excavation	200.00	45,000.00
179.00	cu.m. b. 2. Backfill (Labor) / Compaction	350.00	62,650.00
21.00	cu.m. c. G-2 Gravel Bedding (Material)	1,500.00	31,500.00
<b>SUB-TOTAL 1.0: MATERIAL COST .....</b>			<b>31,500.00</b>
<b>SUB-TOTAL 1.0: LABOR COST .....</b>			<b>107,650.00</b>
<b>2.0 FORMWORKS &amp; FALSE WORKS</b>			
227.00	Pcs. 10mm Phenolic board	830.00	188,410.00
6,550.00	Bd/Ft. Form Lumber (Coco Lumber)	26.00	170,300.00
35.00	Kgs. Assorted CW Nails	75.00	2,625.00
<b>SUB-TOTAL 2.0: MATERIAL COST .....</b>			<b>361,335.00</b>
<b>SUB-TOTAL 2.0: LABOR COST .....</b>			<b>180,667.50</b>
<b>3.0 CONCRETE WORKS</b>			
a. R.C FOOTINGS			
225.00	Bags Portland Cement	265.00	59,625.00
12.50	Cu.m. Sand	900.00	11,250.00
25.00	Cu.m. ¾"Ø Gravel	1,300.00	32,500.00
REINFORCEMENTS			
340.00	Pcs. 16mmØ x 6.00m Rebars (GRADE 40)	515.00	175,100.00
25.00	Kgs. Tie Wire (#16 GI)	75.00	1,875.00
1.00	pc Cut off wheel 14	999.00	999.00

		b. R.C COLUMN		
198.00	Bags	Portland Cement	265.00	52,470.00
11.00	Cu.m.	Sand	900.00	9,900.00
22.00	Cu.m.	¾"Ø Gravel	1,300.00	28,600.00
		REINFORCEMENTS		
315.00	Pcs.	16mmØ x 6.00m Rebars (GRADE 60)	515.00	162,225.00
370.00	Pcs.	10mmØ x 6.00m Rebars (GRADE40)	195.00	72,150.00
78.00	Kgs.	Tie Wire (#16 GI)	75.00	5,850.00
2.00	Pcs.	Cut off wheel 14	999.00	1,998.00
		c. R.C LINTEL BEAMS		
108.00	Bags	Portland Cement	265.00	28,620.00
6.00	Cu.m.	Sand	900.00	5,400.00
12.00	Cu.m.	¾"Ø Gravel	1,300.00	15,600.00
		REINFORCEMENTS		
235.00	Pcs.	10mmØ x 6.00m Rebars (GRADE40)	195.00	45,825.00
24.00	Kgs.	Tie Wire (#16 GI)	75.00	1,800.00
		<b>SUB-TOTAL 3.0: MATERIAL COST</b> .....		<b>711,787.00</b>
		<b>SUB-TOTAL 3.0: LABOR COST</b> .....		<b>355,893.50</b>

**4.0 MASONRY WORKS**

		a. CHB FOOTING		
180.00	Bags	Portland Cement	265.00	47,700.00
10.00	Cu.m.	Sand	900.00	9,000.00
20.00	Cu.m.	¾"Ø Gravel	1,300.00	26,000.00
		REINFORCEMENTS		
275.00	Pcs.	10mmØ x 6.00m Rebars (GRADE 40)	195.00	53,625.00
33.00	Kgs.	Tie Wire (#16 GI)	75.00	2,475.00
		b. R.C. CHB WALLS		
		LAYING & FILLING		
13,490.00	Pcs.	4" x 8" x 16" CHB	15.00	202,350.00
567.00	Bags	Portland Cement	265.00	150,255.00
48.00	Cu.m.	Sand	900.00	43,200.00
		REINFORCEMENTS:		
771.00	Pcs.	10mmØ x 6.00m Rebars (GRADE 40)	195.00	150,345.00
35.00	Kgs.	Tie Wire (#16 GI)	75.00	2,625.00
2.00	Pcs.	Cut off wheel 14	999.00	1,998.00
		c. CHB PLASTERING		
277.00	Bags	Portland Cement	265.00	73,405.00
16.00	Cu.m.	Sand	900.00	14,400.00
		d. FINISHES		
112.00	Bags	Portland Cement	265.00	29,680.00
		<b>SUB-TOTAL 4.0: MATERIAL COST</b> .....		<b>807,058.00</b>
		<b>SUB-TOTAL 4.0: LABOR COST</b> .....		<b>403,529.00</b>

**5.0 PAINTING**

		a. Column		
201.00	sq.m.	Column in Acrytex Paint Finish	350.00	70,350.00
		b. Wall		
1,235.00	sq.m.	Wall in Acrytex Paint Finish	350.00	432,250.00
		<b>SUB-TOTAL 5.0: MATERIAL &amp; LABOR COST</b> .....		<b>502,600.00</b>

**SUB-TOTAL (A) ..... 3,462,020.00**

**B. FENCE w/ STEELWORKS**

**1.0 EARTHWORKS**

137.00	cu.m.	a. Excavation	200.00	27,400.00
110.00	cu.m.	b. Backfill (Labor) / Compaction	300.00	33,000.00
13.00	cu.m.	c. G-2 Gravel Bedding (Material)	1,300.00	16,900.00
		<b>SUB-TOTAL 1.0: MATERIAL COST</b> .....		<b>16,900.00</b>
		<b>SUB-TOTAL 1.0: LABOR COST</b> .....		<b>60,400.00</b>

**2.0 FORMWORKS & FALSE WORKS**

90.00	Pcs.	10mm Phenolic board	830.00	74,700.00
2,650.00	Bd/Ft.	Form Lumber (Coco Lumber)	24.00	63,600.00
15.00	Kgs.	Assorted CW Nails	75.00	1,125.00
<b>SUB-TOTAL 2.0: MATERIAL COST</b>			.....	<b>139,425.00</b>
<b>SUB-TOTAL 2.0: LABOR COST</b>			.....	<b>55,770.00</b>

**3.0 CONCRETE WORKS**

a. R.C FOOTINGS				
135.00	Bags	Portland Cement	265.00	35,775.00
7.50	Cu.m.	Sand	900.00	6,750.00
15.00	Cu.m.	¾"Ø Gravel	1,300.00	19,500.00
REINFORCEMENTS				
205.00	Pcs.	16mmØ x 6.00m Rebars (GRADE 60)	515.00	105,575.00
16.00	Kgs.	Tie Wire (#16 GI)	75.00	1,200.00
2.00	Pcs.	Cut off wheel 14	999.00	1,998.00
b. R.C COLUMN				
126.00	Bags	Portland Cement	265.00	33,390.00
7.00	Cu.m.	Sand	900.00	6,300.00
14.00	Cu.m.	¾"Ø Gravel	1,300.00	18,200.00
REINFORCEMENTS				
192.00	Pcs.	16mmØ x 6.00m Rebars (GRADE 60)	515.00	98,880.00
225.00	Pcs.	10mmØ x 6.00m Rebars (GRADE40)	195.00	43,875.00
1.00	pc	Cut off wheel 14	999.00	999.00
46.00	Kgs.	Tie Wire (#16 GI)	75.00	3,450.00
<b>SUB-TOTAL 3.0: MATERIAL COST</b>			.....	<b>375,892.00</b>
<b>SUB-TOTAL 3.0: LABOR COST</b>			.....	<b>112,767.60</b>

**4.0 MASONRY WORKS**

a. CHB FOOTING				
117.00	Bags	Portland Cement	265.00	31,005.00
6.50	Cu.m.	Sand	900.00	5,850.00
13.00	Cu.m.	¾"Ø Gravel	1,300.00	16,900.00
REINFORCEMENTS				
179.00	Pcs.	10mmØ x 6.00m Rebars (GRADE 40)	195.00	34,905.00
22.00	Kgs.	Tie Wire (#16 GI)	75.00	1,650.00
b. R.C. CHB WALLS				
LAYING & FILLING				
5,885.00	Pcs.	4" x 8" x 16" CHB	15.00	88,275.00
247.00	Bags	Portland Cement	265.00	65,455.00
21.00	Cu.m.	Sand	900.00	18,900.00
REINFORCEMENTS:				
335.00	Pcs.	10mmØ x 6.00m Rebars (GRADE 40)	195.00	65,325.00
16.00	Kgs.	Tie Wire (#16 GI)	75.00	1,200.00
c. CHB PLASTERING				
80.00	Bags	Portland Cement	265.00	21,200.00
5.00	Cu.m.	Sand	900.00	4,500.00
d. FINISHES				
32.00	Bags	Portland Cement	265.00	8,480.00
<b>SUB-TOTAL 4.0: MATERIAL COST</b>			.....	<b>363,645.00</b>
<b>SUB-TOTAL 4.0: LABOR COST</b>			.....	<b>145,458.00</b>

**5.0 STEELWORKS**

a. FENCE				
420.00	pcs.	16mm Thk. X 6.00m Square Bar	820.00	344,400.00
100.00	pcs.	2"Ø x6.00m G.I Pipe (Sched.40)	3,360.00	336,000.00
3.00	pcs.	Cut off wheel 14	999.00	2,997.00
50.00	kgs.	Welding Rod	200.00	10,000.00
<b>SUB-TOTAL 5.0: MATERIAL COST</b>			.....	<b>693,397.00</b>
<b>SUB-TOTAL 5.0: LABOR COST</b>			.....	<b>277,358.80</b>

**6.0 PAINTING**

122.00	sq.m.	a. Column		
		Column in Acrytex Paint Finish	500.00	61,000.00
		b. Wall		
435.00	sq.m.	Wall in Acrytex Paint Finish	500.00	217,500.00
75.00	sq.m.	c. Steel Works	650.00	48,750.00
		<b>SUB-TOTAL 6.0: MATERIAL &amp; LABOR COST</b>	.....	<b>327,250.00</b>

Prepared by:

Approved by:

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Architect

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**Rev. Fr. Chris Arthur Militante**  
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