

Republic of the Philippines
Department of the Interior and Local Government
PHILIPPINE PUBLIC SAFETY COLLEGE

Project title: Upgrading and Separation of Power Lines - NPC - SILANG

Location: PPSC, NPC - SILANG

	DESCRIPTION MATERIALS	QUANTITY	UNIT	UNIT COST	TOTAL COST
1	FIRST PRIVATE POLE NEAR GATE				
1	Load Break Switch	1	set		
2	Sub-Miniature Fuse medium and High Voltage (SMD)	1	set		
2	DISTRIBUTION TRANSFORMERS				
1	50KVA Dist. Transformer 13.8/240V OISC, Single Phase	6	units		
2	100KVA Dist. Transformer 13.8/240V OISC, Single Phase	7	units		
3	Transformer Cluster Hanger	20	sets		
3	POLE LINES AND HARDWARES				
1	Concrete Pole, 45ft, Class 3A	17	sets		
2	Lightning Arrester, 27kV	13	sets		
3	Cluster Hanger Transformer Bracket	12	sets		
4	Electric Wire THHN # 6	50	mtrs		
5	Electric Wire THHN # 2/0	200	mtrs		
6	Electric Wire THHN # 2/0	103	mtrs		
7	25amp. Fuse Link	10	pcs		
8	20amp. Fuse Link	10	pcs		
9	10amp. Fuse Link	10	set		
10	ACSR Bare Wire # 3/0	3200	mtrs		
11	Machine Bolt 5/8 x 16"	25	pcs		
12	Machine Bolt 5/8 x 14"	25	pcs		
13	Machine Bolt 5/8 x 12"	20	pcs		
14	Machine Bolt 1/2 x 6"	20	pcs		
15	Steel Cross-arm 8ft.	50	pcs		
16	Angle Brace	40	pcs		
17	Pole Clamp 7" - 9" ϕ , twin bolt	25	pcs		
18	Steel Pin 15kv	31	pcs		
19	Pin Insulator 15kv	31	pcs		
20	Double Arming Bolt 5/8 x 22"	40	pcs		
21	Eye Nut	30	pcs		
22	Suspension Insulator #10	50	pcs		
23	Anchor Rod	10	pcs		
24	Strain Clamp	30	pcs		
25	3-Bolt Guy Clamp, H.D	30	pcs		
26	Guy wire Stranded, Gal.	120	mtrs		
27	Grounding Wire 3-Strand	150	mtrs		
28	Ground Rod 5/8 x 8ft.	14	pcs		
29	Ground Clamp	14	pcs		
30	Loop Clamp #2/0	45	pcs		

31	Loop Clamp #4/0	40	pcs		
32	Hot Line Clamp 34kV	20	pcs		
33	Guy Hook	30	pcs		
34	Square Nut w/ Washer 2 x 2"	120	pcs		
35	Square Nut w/ Washer 4 x 4"	10	pcs		
36	Round Washer 1/2"	40	pcs		
37	Single Upset	10	pcs		
38	Eye Bolt 5/8 x 12"	15	pcs		
39	Secondary rack 3spool	10	sets		

TOTAL MATERIAL COST		
Labor		
Direct Cost		_____
OCM		
Contractor's Profit		
MOBILIZATION/DEMOBILIZATION		
EQUIPMENT RENTAL		
Indirect Cost		_____
Taxes		
PERMITS		

TOTAL PROJECT COST