

Project Title : PROPOSED CONSTRUCTION OF LOCAL INSTRUMENT CENTER (LIC)
 Location : CAPITOL SITE TUGUEGARAO CITY, CAGAYAN
 Subject : BILL OF MATERIALS

ITEM / DESCRIPTION	QTY.	UNIT	UNIT COST	ESTIMATED DIRECT COST (EDC)			INDIRECT COST (IC)					TOTAL AMOUNT	UNIT COST	
				MATERIAL	LABOR	EQUIPMENT	DIRECT COST	OVERHEAD	CONTIGENCIE	MISCELLANEOUS	PROFIT			VAT-COMPONENT
A. TEMPORARY FACILITY														
Bodega, Bunkhouse	1	lot												
Mobilization/Demobilization	1	lot												
Formworks/Scaffolding for the building	1	lot												
Sub-Total														
B. EARTHWORK WORKS														
Excavation	27	cu.m.												
BackFilling Materials (V=6mx10mx.70m)+10% compaction	46.2	cu.m.												
Sub-Total														
C. Masonry Works/plastering														
6 x 8 x 16 CHB	1847	pcs												
Cement	185	bags												
Screened Sand	35	cu.m												
Wash gravel	30	cu.m.												
deformed steel bars 10mm dia.	45	pcs												
Tie Wire # 16	10	kg												
Sub-Total														
D. Footing foundation1.20mx1.2mx.30m=4 cu.m.														
Cement	40	bags												
Screened Sand	2	cu.m												
3/4 Gravel	4	cu.m												
16 mm dia. Deformed	24	pcs												
#16 G.I. Tire Wire	9	kgs												
Sub-Total														
E. For Columns post @ .3mx.25mx5.1m =3.44 cu.m														
Cement	35	bags												
Screened Sand	2	cu.m												
3/4 Gravel	3	cu.m												
16 mm dia. Deformed	54	pcs												
10 mm ø x 6 m. DSB	66	pcs												
#16 G.I. Tire Wire	9	kgs												
Sub-Total														
F. beams @ .2mx.40mx60m=4.8cu.m.														
Cement	48	bags												
Screened Sand	3	cu.m												
3/4 Gravel	5	cu.m												
16 mm dia. Deformed	60	pcs												
10 mm ø x 6 m. DSB	80	pcs												
#16 G.I. Tire Wire	9	kgs												
Sub-Total														
G. Tie beams .20mx.40mx48m=3.84cu.m.														
Cement	39	bags												
Screened Sand	2	pcs												
3/4 Gravel	4	pcs												
16 mm dia. Deformed	48	pcs												

0
0
0
34.4
1.72
3.096
48
2.4
4.32
38
1.9
3.42

10 mm ø x 6 m. DSB	64	kgs.																	
#16 G.I. Tire Wire	9	sqr.m.																	

Sub-Total

H. Roofdeck concrete slab at12mx8mx.10m=9.6cu.m. 9.60

Cement	96.00	bags																	
wash/Screened Sand	5.00	cu.m.																	
3/4 Gravel	9.00	cu.m.																	
12 mm ø x 6 m. DSB	214.00	pcs																	
#16 G.I. Tire Wire	10.00	kgs																	

Sub-Total

I Ground Floor concrete slab at10mx6mx.10m=6.0cu.m. 6.00

Cement	60.00	bags																	
wash/Screened Sand	3.00	cu.m.																	
3/4 Gravel	6.00	cu.m.																	
12 mm ø x 6 m. DSB	148.00	pcs																	
#16 G.I. Tire Wire	10.00	kgs																	

Sub-Total

J Electrical works

2.0mm² THHN/THWN wire (green)	2	50mtrs/roll																	
2.0mm² THHN/THWN wire (black)	3	50mtrs/roll																	
3.5mm² THHN/THWN wire (green)	32	mtrs.																	
3.5mm² THHN/THWN wire (black)	1	50mtrs/roll																	
5.5mm² THHN/THWN wire (black)	32	mtrs.																	
14.0mm² THHN/THWN wire (green)	24	mtrs.																	
30.0mm² THHN/THWN wire (black)	24	mtrs.																	
15mmØ PVC pipe	75	lm.																	
20mmØ PVC pipe	10	lm.																	
32mmØ PVC pipe	4	lm.																	
32mmØ RSC pipe	1	lm.																	
15mmØ PVC long elbow pipe	34	pcs.																	
20mmØ PVC long elbow pipe	8	pcs.																	
32mmØ PVC long elbow pipe	4	pcs.																	
15mmØ PVC locknut and bushing	8	set																	
20mmØ PVC locknut and bushing	4	set																	
32mmØ PVC locknut and bushing	2	set																	
15mmØ straight connector	13	set																	
15mmØ flexible metallic conduit	20	mtrs.																	
Mica tube 1/4"	3	mtrs.																	
Utility box 2" x 4"	17	pcs																	
Junction box 4" x 4" with metal cover	13	set																	
LED panel light (600mm x 600mm) 40watts	13	set																	
Surface downlight fixture	8	pcs.																	
LED bulb 15Watts	8	pcs.																	
2 gang switch w/ plate cover	1	set																	
3 gang switch w/ plate cover	2	set																	
Simplex 3 pin universal outlet	5	set																	
Duplex 3 pin universal outlet	9	set																	
Electrical tape	10	pcs.																	
Rubber tape	2	pcs.																	
Service entrance cap 32mmØ	1	pcs																	
Two(2) Units 3.0T aircon split type	2	assy.																	
Panel Board NEMA enclosure, gray coated, surface mounted, gauge 16, bolt-on w/ grounding bus bar 1 main circuit breaker, 2 pole w/ 12 branches 1 - 100AT, 100AF, 2P, 240V, 22KAIC																			

96
4.8
8.64

60
3
5.4

3 - 15AT, 60AF, 2P, 240V, 10KAIC	1	assy.																	
4 - 20AT, 60AF, 2P, 240V, 10KAIC																			
3 - 30AT, 60AF, 2P, 240V, 10KAIC																			
2 - 40AT, 60AF, 2P, 240V, 10KAIC																			
All SQUARE D																			
Copper plate (600mm x 600mm x 3.16mm)	1	pcs.																	
Copper flat bar (3mm x 30mm)	7	mtrs.																	
20mmØ G.I. pipe Sc40	1	lm.																	
Sand	0.5	cu.m																	
Earthing Compound	3	pcs.																	
Cement	1	bag																	
Funel 6" w/ mesh wire	1	assy.																	
Consumables (tox, screws, bolt and nut)	1	lot																	

Sub-Total

K Water Proofing Materials and Concrete Topping 96.00

4.8

Granulated membrane 3mm	13.00	rolls																	
Primer 20 liters per pail (1 coat)	4.00	pail																	
LPG Tank	2.00	tank																	
Concrete Topping(4.8cu.m.)																			
cement	44.00	bags																	
wash/Screened Sand	3.00	cu.m.																	
steel matting at 1.5m 2.5m/rolls	26.00	rolls																	

43.2
2.4

Sub-Total

3.75
25.6

L FICEM BOARD CEILING

Furring Channel	87	pcs.																	
C-Channel	8	pcs.																	
Wall Angle	50	pcs.																	
Fiber Cement Board 4.5 mm	34	pcs.																	
Suspension Accessories	28	sets.																	
Tox no.6 w/ Screw	450	pcs.																	
Ficem Screw 1"	2,562	pcs.																	
Blinds Rivets	1,000	pcs.																	

Sub-Total

M FLOOR FINISH

Porcelain Tiles 600 x 600 mm (building floor tiles)	167	pcs																	
Tile Trim	2	pcs																	
Tile Adhesive (25kg/bag)	26	bag																	
Tile Grout (2kg/bag)	5	bag																	

Sub-Total

N DOOR, WINDOWS,

Wood Panel Door, Paint Finished,100mm x 2100mm w/ Wood Jamb, complete w/ Accessories and Knob Lock	1	set																	
Wood Panel Door, Paint Finished,800mm x 2100mm w/ Wood Jamb, complete w/ Accessories and Knob Lock	1	set																	
PVC Door 600mm x 2100mm w/ PVC Jamb, complete w/ Accessories and Knob Lock	1	set																	
Installation Cost																			
Supply and Installation																			
Fixed Glass Window with 6mm thick tempered in UPVC Frame	1	set																	
Sliding Glass Window tempered in UPVC Frame with screen	5	sets																	
lockset andAccessories and Knob Lock																			

Sub_Total

