## Project Title : PROPOSED CONSTRUCTION OF LOCAL INSTRUMENT CENTER (LIC)

Location : PAGASA Complex Station Old Airport Bgy. Sasa Davao City

Subject : BILL OF MATERIALS

					ESTIMATI	ED DIRECT COST	(EDC)			I	DIRECT COST (IC	)			· · · · ·
	ITEM / DESCRIPTION	QTY.	UNIT	UNIT COST	MATERIAL	LABOR	EQUIPMENT	DIRECT COST	OVERHEAD	CONTIGENCIES	MISCELLANEO US	PROFIT	VAT- COMPONENT	TOTAL AMOUNT	UNIT COST
1	TEMPORARY FACILITY														
	Bodega, Bunkhouse	1	lot												
	Mobilization/Demobilization	1	lot												
	Formworks/Scaffolding	1	lot												
	Excavation	27	cu.m.												
	Sub-Total														
Α.	Electrical works														
	2.0mm <sup>2</sup> THHN/THWN wire (green)	2	150mtrs/roll												
	2.0mm <sup>2</sup> THHN/THWN wire (black)	3	150mtrs/roll												
	3.5mm <sup>2</sup> THHN/THWN wire (green)	32	mtrs.												<u> </u>
	3.5mm <sup>2</sup> THHN/THWN wire (black)	1	150mtrs/roll												
	5.5mm <sup>2</sup> THHN/THWN wire (black)	32	mtrs.												
	14.0mm <sup>2</sup> THHN/THWN wire (green)	1	mtrs.												ſ
	30.0mm <sup>2</sup> THHN/THWN wire (black)	1	mtrs.												
	15mmØ PVC pipe	75	lm.												
	20mmØ PVC pipe	10	lm.												
	32mmØ PVC pipe	1	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.							1			1		
	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							1					
	Surface downlight fixture	8	pcs.							1					
	LED bulb 15Watts	8	pcs.										1		
	2 gang switch w/ plate cover	1	set										1		
	3 gang switch w/ plate cover	2	set										1		
	Simplex 3 pin universal outlet	5	set												
	Duplex 3 pin universal outlet	9	set												
	Electrical tape	10	pcs.												

Rubber tape	2	pcs.						
Service entance cap 32mmØ	1	pcs						
2.5hp aircon split type single phase	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														
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												1
Earthing Compound	3	pcs.												1
Cement	1	bag												
Funel 6" w/ mesh wire	1	assy.												
Consumables (tox, screws, bolt and nut)	1	lot				1								
	ub-Total	101												
	ub-iotai													
B. Masonry Works/plastering	1017	200		1	1		1	1				1		
6 x 8 x 16 CHB	1847	pcs												
Cement	185	bags												
Screened Sand	35	cu.m												
Wash gravel	30	cu.m.	<u> </u>											
deformed steel bars 10mm dia.	45	pcs	<u> </u>											
Tie Wire # 16	10 ub-Total	kg												
C. Footing foundation1.20mx1.2mx.30m=4 cu.m.	4													
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												
Su	ub-Total			•			•	•		•	•	•	•	•
D. For Columns post @ .3mx.25mx5.1m =3.44 cu.m	3.44													
Cement	35	bags												
Screened Sand	2	cu.m												
3/4 Gravel	3	cu.m	1			1								1
16 mm dia. Deformed	54	pcs					1					1		
10 mm ø x 6 m. DSB	66	pcs	1			1						1		1
#16 G.I. Tire Wire	9	kgs												
Si	ub-Total													
E beams @ .2mx.40mx60m=4.8cu.m.	4.8													
Cement	48	bags												
Screened Sand	3	cu.m	1		1	1						1		1
3/4 Gravel	5	cu.m	1			1			1			1		1
16 mm dia. Deformed	60	pcs												
10 mm ø x 6 m. DSB		pcs										<u> </u>		<u> </u>
	80											<u> </u>		<u> </u>
#16 G.I. Tire Wire	9	kgs										1		
F Tie beams .20mx.40mx48m=3.84cu.m.	ub-Total 3.8		1		1	1			1		1		1	1
Cement	39	bags												
Screened Sand	2	pcs												
3/4 Gravel	4	pcs												

34.4 1.72 3.096

> 48 2.4 4.32

> 38 1.9 3.42

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net of the set o	16 mm dia. Deformed	48	pcs												
Note of the second sec	0 mm ø x 6 m. DSB	64	kgs.												
other10	16 G.I. Tire Wire	9	sqr.m.												
meth% meth% meth% meth% meth% meth% meth% meth64 meth <td>Sub-Total</td> <td></td>	Sub-Total														
and/or end of a bit of	toofdeck concrete slab at12mx8mx.1om=9.6cu.m.	9.60													
MineMi		96.00	bags												
12 mag ma mag mag	wash/Screened Sand	5.00	cu.m.												
resk of the with the wi	3/4 Gravel	9.00	cu.m.												
is a statute interval interv		214.00	pcs												
andandCent0NoNoNoNoNo303AndNoNoNoNoNoNo303AndNoNoNoNoNoNoNo303AndNoNoNoNoNoNoNo303AndNoNoNoNoNoNoNo304AndNoNoNoNoNoNoNo304AndNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNoNo304NoNoNoNoNoNoNoNoNo304 <td></td> <td></td> <td>kgs</td> <td></td>			kgs												
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And one to name in the index			bags												
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Sub-Tetal       Water Proofing Materials and Concrete Topping     Sub-Tetal       Mater Proofing Materials and Concrete Topping     Sub-Tetal       Sub-Tetal     Sub-Tetal       Sub-Tetal     Sub-Tetal     Sub-Tetal       Sub-Tetal     Sub-Tetal     Sub-Tetal       Sub-Tetal <th cols<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td></td>														
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seel matting at 1.5 m 2. shy/rolls     orig     orig     orig     orig       Sub-Total     orig     orig     orig     orig     orig       Eth MOARD CELLING     State of the state of															
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Cert Bandel   Consol   Participandel   Parite Participandel <th>eel matting at 1.5m 2.5m/rolls</th> <th>26.00</th> <th>rolls</th> <th></th>	eel matting at 1.5m 2.5m/rolls	26.00	rolls												
C.Chanel8pcs.111	EM BOARD CEILING		orig												
Wall Angle 50 pcs. I I I I I I I I I   Fiber Cement Board 4.5 mm 34 pcs. I		87	pcs.												
Fiber Cement Board 4.5 mm   34   pcs.   Image: Section of the section o	C-Channel		pcs.												
Suspension Accessories28sets.10100 <td>Wall Angle</td> <td>50</td> <td>pcs.</td> <td></td>	Wall Angle	50	pcs.												
Suspension Accessories28sets.100 <td></td>															
Suspension Accessories28sets.Image: sets.Image: sets.															
Tox no. 6 w/ Screw4509c. <th< td=""><td></td><td>34</td><td>pcs.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		34	pcs.												
Ficem Screw 1"2,562pcs.oo					1		1	ļ							
Binds Rivets1,000pcs.III<			pcs.												
Sub-Total       COOR FINSH       Porcelain Tiles 300 x 300 nm (comfort room)     107     pcs     Image: Colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan="4			pcs.												
OOR FINSH107pcsIIpcsIIpcsIIIpcsPorcelain Tiles 600 x 600 mm (building floor tiles)167pcsIII <td< td=""><td></td><td>1,000</td><td>pcs.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		1,000	pcs.												
Porcelain Tiles 300 x 300 nm (comfort room)107pcsImage: comparison of the com															
Porcelain Tiles 600 x 600 mm (building floor tiles)167pcsImage: constraint of the second sec			· · · · · ·												
Tile Trim   6   pcs   0 <th< td=""><td></td><td>107</td><td>pcs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		107	pcs												
Tile Adhesive (25kg/bag)26bagImage: Constraint of the cons	Porcelain Tiles 600 x 600 mm (building floor tiles)	167	pcs												
Tile Grout (2kg/bag)5bag11 <th< td=""><td>Tile Trim</td><td>6</td><td>pcs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Tile Trim	6	pcs												
Tile Grout (2kg/bag)5bag00 <th< td=""><td>Tile Adhesive (25kg/bag)</td><td>26</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Tile Adhesive (25kg/bag)	26													
Sub-Total       Plumbing Works       activities and intervention of the state of					1		1	1				1			
Plumbing Works       State Rough-ins       1/2"ø x 3m uPVC pipe     11     pcs.     Image: State Sta			•	· ·											
anterline Rough-ins   11   pcs.   I   pcs.   I   I   pcs. <td></td>															
1/2"ø x 3m uPVC pipe   11   pcs.   Image: Constraint of the state															
1/2"ø x 90degree UPVC elbow   15   pcs.   Image: constraint of the state of th		11	pcs.												
1/2"ø uPVC tee 6 pcs.					1		1	1	1	1	1	1			
Shower Valve 1/2"ø     1     pcs. <th <="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></th>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td>										1				
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					1	1	1	1	1	1	1	1		1	
	room & Waterline Fixtures														

				1	1	-	1			1
Shower handle	1	pcs.								
Brass Hosebibb faucet 1/2"ø	1	pcs.				 				
Shower head 1/2"ø	1	pcs.								
Water closet w/ comp. Fittings(soap holder and Paper Holder)	1	pcs.								
Lavatory w/ fittings comp. w/P-trap	1	set								
Floor strainer 4"x 4" PVC	1	pcs.								
Sewer Line rough-ins ( standard or approve equivalent)										
PVC Clean-out Adapter w/plug 4"	2	pcs.								
PVC Elbow 2" x 90degrees	2	pcs.								
PVC Elbow 2" x 45degrees	2	pcs.								
PVC Elbow 4" x 45degrees	2	pcs.								
PVC Elbow 4" x 90degrees	2	pcs.								
PVC pipe 2" x 3m	2	pcs.								
PVC pipe 4" x 3m	2	pcs.								
PVC P-trap w/o plug 2"	1	pcs.								
PVC Tee 2"	3	pcs.								
PVC Wye Reducer 4" x 2"	1	pcs.								
PVC Wye Reducer 4" x 4"	1	pcs.								
PVC Tee Reducer 4" x 2"	1	pcs.								
Septic Tank										
CHB 4"	133.0	pcs.								
Cement (Portland 40 kgs)	39.0	bags								
S1	3.0	m³								
Gravel G-3/4 Crushed	1.9	m³								
10mmø x 6m DSB	44.4	kgs.		Ì						
GI tie wire # 16	1.1	kg		Ì						

Sub-Total

## M 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,8000mm x 2100mm w/	1	set			1									
Wood Jamb, complete w/ Accessories and Knob Lock														
PVC Door 600mm x 2100mm w/ PVC Jamb, complete w/	1	set												
Accessories and Knob Lock														
Installation Cost														
upply and Installation														
Fixed Glass Window with 6mm thick temperedin UPVC Frame	1	set												
Sliding Glass Window tempered in UPVC Frame with screen	5	sets												
lockset and Accessories and Knob Lock														
Sub_Total														
Painting Works	Painting Works													
Concrete neutralizer	2	gal												
Concrete paint (latex)boysen	3	t/c												
semi Gloss Latex Paint boysen	3	t/c												
Paint tray with Roller	2	pcs												
QDE brown boysen	1	gal												
Paint Thinner	4	gal												
skemcoat	4	bags												
paint rags	1	kg												
paint brush 2"	2	pcs												
sand paper # 80	1	mtr												
sand paper # 120 & 400	12	shts	l							1	1			1

latex t/t color toludine red	1	lit											
latex t/t lamp black	1	lit											
latex t/t color raw siena	2	lit											
Sub-Total													