REGION II TRAUMA AND MEDICAL CENTER

Project Name: **Construction of Roofing Extension at the Emergency Department Lobby**
Project Location: **Magsaysay, Bayombong, Nueva Vizcaya**

Subject: **DETAILED ESTIMATES**

Item No.	Description	Qty	Unit	Material Cost	Labor Cost	Equipment Cost	Estimated Direct Cost	Mark-ups (%) OCM	Mark-ups (%) Profit	Total Mark-up %	Total Mark-up Value	VAT=5%(EDC+ OCM+Profit)	Total Indirect Cost	Total Cost	Unit Cost
I	**GENERAL REQUIREMENTS**	**1.00**	**lot**												
	(a). Mobilization/Demobolization	1.00	lot												
	Temporary/Facilities, Water and Electric Consumption, Safety and Health Program														
	Permits and Licenses														
	Project Billboard														
	Sub-Total														
II	**EARTHWORKS and DEMOLITION WORKS**	**16.78**	**cu.m.**												
	Excavation (Labor)	9.22	cu.m.												
	Structural Backfill (Material and Labor)	6.60	cu.m.												
	Gravel Bedding (Material and Labor)	0.96	cu.m.												
	Labor:	man	days												
	Project Engineer														
	Construction Foreman														
	Helper														
	Equipment:	eqpt	days												
	Plate compactor	1.00	1.00												
	Portable Breaker	1.00	1.00												
	Sub-Total														
III	**DISMANTLING OF EXISTING CANOPY and MODIFICATION OF FIXED GLASS PARTITION**	**1.00**	**lot**												
	Labor:	man	days												
	Project Engineer														
	Foreman														
	Skilled Worker / Welder														
	Helper														
	Equipment	eqpt	days												
	Electric Hand Drill	1.00	4.00												
	Geinder	1.00	4.00												
	Sub-Total														
IV	**FORMWORKS and SCAFFOLDINGS**	**1.00**	**lot**												
	Materials:														
	1/2" thk Plywood	2.00	pcs												
	Assorted Good Lumber	56.00	bdft												
	Assorted Common Wire Nails	5.00	kg												
	Labor:	man	days												
	Project Engineer														
	Construction Foreman														
	Skilled Worker														
	Helper														
	Equipment:	unit	days												
	Rental of G.I. Pipes with Swivel Clamps	1.00	lot												
	Sub-Total														
V	**CONCRETE WORKS (ROAD PAVEMENT, COLUMN, FOOTING)**	**5.22**	**cu.m.**												
	Materials:														
	Portland Cement	47.00	bags												
	Sand, S1	3.00	cu.m.												
	Gravel, G1	6.00	cu.m.												
	Labor:	man	days												
	Project Engineer														
	Construction Foreman														
	Skilled Worker														
	Helper														
	Equipment:	eqpt	days												

	Concrete Mixer, 1 bagger	1.00	3.00												
	Concrete Vibrator	1.00	3.00												
	Sub-Total														
VI	**REINFORCING STEEL BARS**	**1.00**	**lot**												
	Materials:														
	10mmØ RSB, 6m	42.00	pcs												
	20mmØ RSB, 6m	42.00	pcs												
	#16 G.I. Tiewire, 25kgs/roll	1.00	rolls												
	Cut-off Disc, 14"	10.00	pcs												
	4" ø GI Pipe, Sched. 40	12.00	pcs												
	Labor:	man	days												
	Project Engineer														
	Construction Foreman														
	Skilled Worker														
	Helper														
	Equipment	eqpt	days												
	Cutting Machine/Cut-off Wheel	1.00	-												
	Sub-Total														
VII	**MASONRY WORKS**														
	(a) CHB Laying	**6.20**	**sq.m.**												
	Materials:														
	Portland Cement	5.00	bags												
	Sand, S1	1.00	cu.m												
	125mm thk CHB	82.00	pcs												
	10mm RSB, 6.0m grade 33	4.00	pcs												
	#16 G.I Tie Wire	5.00	kg												
	Labor:	man	days												
	Project Engineer														
	Construction Foreman														
	Skilled Worker / Mason														
	Helper														
	Sub-Total														
	(b) Plastering	**12.40**	**sq.m.**												
	Materials:														
	Portland Cement	4.00	bags												
	Screened Sand, S1	1.00	cu.m												
	Labor:	man	days												
	Project Engineer														
	Foreman														
	Skilled Worker / Mason														
	Helper														
	Sub-Total														
VIII	**ROOFING WORKS**	**1.00**	**lot**												
	(a) Steel Truss	**1.00**	**lot**												
	Materials:														
	2" ø GI Pipe, Sched. 40	50.00	pcs												
	1 1/2" ø GI Pipe, Sched. 40	62.00	pcs												
	150mm x 50mm x 1.20mm C-Purlins	64.00	pcs												
	1 1/2" x 1 1/2" x 3/16" Angle Bar	7.00	pcs												
	Welding Rod, 5kgs/box	20.00	pcs												
	Cut-off Disc, 14"	20.00	pcs												
	Labor:	man	days												
	Project Engineer														
	Construction Foreman														
	Skilled Worker														
	Helper														
	Equipment	eqpt	days												
	Welding Machine	2.00	-												
	Cutting Machine	1.00	-												
	Sub-Total														
	(b) Roofing Sheet	**1.00**	**lot**												
	Materials:														
	0.6mm Rib Type Pre Painted Long Span Roofing	162.00	l.m.												
	3.0mm thick Rib Type Long Span Fiber Roofing	29.00	l.m.												
	0.6mm Pre Painted Pre Fabricated Gutter, 2.40m	9.00	pcs												
	0.6mm Pre Painted Pre Fabricated False Gutter, 2.40m	9.00	pc												
	0.6mm Pre Painted Pre Fabricated Flashing, 2.40m	8.00	pcs												

	1/8" x 1/2" Blind Rivets	5.00	boxes
	2 1/2" Teckscrew	1,910.00	pcs
	Weatherproofing Sealant, 1.0 Liter	4.00	liters
	10ft x 10ft heavy duty roll up trapal with rope, pulley and with weights	7.00	sets
	Labor:	man	days
	Project Engineer		
	Construction Foreman		
	Skilled Worker / Tinsmith		
	Helper		
	Equipment	eqpt	days
	Electric Hand Drill	1.00	7.00
	Sub-Total		
IX	**PAINTING WORKS**	**324.35**	**sq.m**
	(a) Concrete Walls, Columns, and Beams	**26.80**	**sq.m**
	Exterior		
	Materials:		
	Concrete Neutralizer	2.00	gal
	Acrylic Concrete Primer and Sealer	2.00	gal
	Elastomeric Putty (full)	3.00	gal
	Acrylic Odourless Elastomeric Paint	3.00	gal
	(b) Metal Works (Truss and Column)	**297.55**	**sq.m.**
	Materials:		
	Red Oxide Primer	11.00	gal
	Quick Drying Enamel	23.00	gal
	Paint Thinner	9.00	gal
	(c) Miscellaneous		
	Materials:		
	7" Roller paint with pan	3.00	sets
	Paint Brush, 4"	10.00	pcs
	Paint Brush, 2"	10.00	pcs
	Paint Brush' 1"	10.00	pcs
	Sandpaper, #100	48.00	ft
	Other Miscellaneous	1.00	lot
	Labor:	man	days
	Project Engineer		
	Construction Foreman		
	Skilled Worker / Painter		
	Helper		
	Sub-Total		
X	**PLUMBING WORKS**	**1.00**	**lot**
	Materials:		
	110mmØ x 3.0m uPVC Sanitary Pipe, s 1000	8.00	pcs
	110mmØ Sanitary Coupling	8.00	pcs
	110mmØ Sanitary Elbow 87.5°	8.00	pcs
	PVC Solvent, 400cc/bot	4.00	bot
	Labor:	man	days
	Project Engineer		
	Construction Foreman		
	Skilled Worker		
	Helper		
	Sub-Total		
XI	**ELECTRICAL WORKS**	**1.00**	**lot**
	Materials:		
	3.5mm² THHN Copper Wire	1.00	box
	100 watts Industrial High Power LED Lamp Day Light	10.00	pcs
	LED Lamp Reflector	10.00	pcs
	Porcelain E40 Receptacle	10.00	pcs.
	Junction Box with cover, GI Gauge 24	10.00	sets
	1/2" Ø Electrical Metallic Tubing	20.00	pcs.
	1/2" Ø lock nut and bushing	30.00	pcs
	Electrical Tape Big	2.00	rolls
	screws, bolts, hanger and elbows	1.00	lot
	Labor:	man	days
	Project Engineer		
	Construction Foreman		
	Skilled Worker		
	Helper		

	Sub-Total														
	GRAND TOTAL														

Submitted by:

Name of the Representative of the Bidder: _____

Position: _____

Signature of the Bidder: _____

Date: _____