

CONTRACTOR'S NAME & LOGO

IMPROVEMENT/REHABILITATION OF BAGUIO RADAR OFFICE BUILDING, OFFICE QUARTER, AND POWERHOUSE

MT. CABUYAO, POBLACION, TUBA, BENGUET

DETAILED COST ESTIMATES

ITEM NO.	DESCRIPTION	QTY.	UNIT	ESTIMATED DIRECT COST (EDC)				INDIRECT COST (IC)			
				MATERIALS	EQUIPMENT	LABOR	ESTIMATED DIRECT COST	OVERHEAD (7% - 11% of EDC)	CONTINGENCIES (0.5% - 3% of EDC)	MISCELLANEOUS (0.5% - 1% of EDC)	CONTRACTOR'S PROFIT (up to 5M 10% of EDC, 8% of EDC above 5M)
Part B	OTHER GENERAL REQUIREMENTS										
B.3	Permits and Clearances	1.00	L.s								
B.5	Project Billboard / Signboard	2.00	ea.								
B.7(2)	Occupational Safety and Health Program	1.00	L.s								
B.9	Mobilization/Demobilization	1.00	L.s								
Sub-Total for Part B											
	REPAIR AND REHABILITATION OF BAGUIO RADAR OFFICE, QUARTERS AND POWER HOUSE										
Part C	EARTHWORK										
Item 801	Removal of Structures and Obstruction										
801(6)	Removal, Demolition, and Hauling (including waste disposal)	1.00	L.s								
Item 803	Structure Excavation										
803(1)a	Excavation Structure (Common Soil)	4.20	cu.m								
Item 804	Embankment										
804(1)a	Embankment	2.73	cu.m								
804(7)	Gravel Bedding	0.38	cu.m								
Sub-Total for Part C											
Part D	REINFORCED CONCRETE										
Item 900	Structural Concrete						-				
900(1)i	Structural Concrete, Class A, 28 days	59.87	cu.m								
Item 902	Reinforcing Steel										
902(1)a1	Reinforcing Steel (Deformed) Grade 40	4,856.85	kg								
902(1)a2	Reinforcing Steel (Deformed) Grade 60	1,893.59	kg								
Item 903	Formworks and Falseworks										
903(1)	Formworks and Falseworks	1.00	L.s								
Sub-Total for Part D											
Part E	FINISHINGS AND OTHER CIVIL WORKS										
Item 1000	Termite Control Work										
1000(1)	Soil Poisoning	5.00	ltr								
Item 1001	Storm Drainage and Sewerage System										
1001(9)	Storm Drainage and Downspout	1.00	L.s								
Item 1002	Plumbing										
1002(4)	Plumbing Fixtures	1.00	L.s								
1002(16)a1	Floor Drain Plates, 100mmØ, Stainless	3.00	set								
1002(20)	Facial Mirror, 500mmØ x 4mm thk.	3.00	pcs								
1002(24)	Cold Waterline	1.00	l.s								
Item 1003	Carpentry and Joinery Works										
1003(1)a1	Ceiling, 4.5mm, Metal Frame, Fiber Cement Board	295.68	sq.m								
1003(2)b1	6.0mm thk Fiber Cement Board Metal Frame Double Wall	56.30	sq.m								

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1003(4)	18mm Melamine on Marine Plywood including PVC Edgeband (Woodgrain Finish), Kitchen Cabinets, including accessories (Soft Close Hinges, Stainless Solid Pull Handle 160mm)	5.76	sq.m								
1003(15)a	Moulding (Crown and Baseboard)	163.21	m								
Item 1004	Hardware										
1004(2)	Finishing Hardwares	1.00	L.s								
Item 1005	Steel Window										
1005(1)	(W-1) 0.8m x 1.20m Steel Casement Window	30.00	set								
1005(4)	(W-2) 0.60m x 0.60m Steel Casement Awning Type Window	4.00	set								
Item 1010	Wooden Doors										
1010(1)	(D-1) 2" X 6" Door Jamb (Tanguile)	2.00	set								
1010(1)	(D-2) 2" X 6" Door Jamb (Tanguile)	9.00	set								
1010(1)	(D-3) 2" x 4" Door Jamb (Tanguile)	6.00	set								
1010(2)b	(D-1) 1.20m x 2.10m Two-Door Solid Wooden Panel Door (Tanguile)	2.00	set								
1010(2)b	(D-2) 0.9m X 2.10m Solid Wooden Panel Door (Tanguile)	9.00	set								
1010(2)b	(D-3) 0.8m x 2.10m Solid Wooden Panel Door (Tanguile)	6.00	set								
Item 1043	PVC Doors and Frames										
1043(2)	(D-4) 0.7m x 2.10m PVC Doors and Frames	2.00	set								
Item 1013	Corrugated Roofing										
1013(2)a1	Fabricated Metal Roofing Accessory, Gauge 26, Ridge Rolls	73.01	lin.m								
1013(2)a2	Fabricated Metal Roofing Accessory, Gauge 26, Flashing	24.00	l.m.								
1013(2)b1	Fabricated Metal Roofing Accessory, Gauge 26, Gutter	22.65	l.m.								
Item 1014	Pre-painted Metal Sheets										
1014(1)b2	Pre-painted Metal Sheets, Gauge 24, Rib Type, Long Span	364.21	sq.m								
Item 1038	Reflective Insulation										
1038(1)	Reflective Insulation	357.39	sq.m								
Item 1016	Waterproofing										
1016(1)a	Waterproofing, Cement base	245.07	sq.m								
Item 1018	Ceramic Tiles										
1018(7)	30cm x 30cm Bathroom Wall Glazed Tiles	62.35	sq.m								
1018(7)	30cm x 30cm Bathroom Non-Skid Floor Tiles	13.23	sq.m								
1018(7)	40cm x 40cm Ceramic Glazed Floor Tiles	166.37	sq.m								
1018(7)	40cm x 40cm Ceramic Glazed Kitchen Sink Tiles	4.55	sq.m								
Item 1027	Cement Floor Finish										
1021(5)	Cement Broom Finish	115.02	sq.m								
Item 1027	Cement Plaster Finish										
1027(1)	Cement Plaster Finish (20mm thk.)	268.66	sq.m								
Item 1030	Acoustical Ceiling										
1030(1)	600mm x 600mm Acoustical Ceiling	66.36	sq.m								

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Item 1032	Painting, Varnishing and Other Related Works										
1032(1)a	Painting Works, Ceiling and Dry wall	408.27	sq.m								
1032(1)a	Painting Works, Masonry, Exterior	468.28	sq.m								
1032(1)a	Painting Works, Masonry, Interior	306.52	sq.m								
1032(1)b	Painting Works, Wood	67.51	sq.m								
1032(1)c	Painting Works, Roof Frame	172.88	sq.m								
1032(1)c	Repainting, Roof	32.12	sq.m								
Item 1046	Masonry Works										
1046(1)a2	CHB Non Load-Bearing (including Reinforcing Steel), 150mm	10.31	sq.m								
Item 1047	Metal Structures										
1047(8)	Structural Steel, Roof Framing	1.00	L.s								
SubTotal for Part E											
Part F	ELECTRICAL										
1100(1)f	Rigid Steel Conduit (RSC), 50mm dia	2.00	Igth.								
1100(6)a	Rigid Polyvinyl Chloride Pipes(PVC/uPVC), 20mm dia	303.00	Igth.								
1100(6)b	Rigid Polyvinyl Chloride Pipes(PVC/uPVC), 25mm dia	25.00	Igth.								
1100(6)c	Rigid Polyvinyl Chloride Pipes(PVC/uPVC), 32mm dia	20.00	Igth.								
1100(6)d	Rigid Polyvinyl Chloride Pipes(PVC/uPVC), 40mm dia	42.00	Igth.								
1100(6)e	Rigid Polyvinyl Chloride Pipes(PVC/uPVC), 50mm dia	12.00	Igth.								
1100(7)a6	Weatherhead, 50mm dia	1.00	pc								
1100(8)	Boxes	1.00	I.s								
1100(9)	Fitting and Accessories	1.00	I.s								
1101(1)b1	Electric Wire, 2.0mm2 THHN, Stranded	10.00	roll								
1101(1)b2	Electric Wire, 3.5mm2 THHN, Stranded	4.00	roll								
1101(2)b3	Electric Wire, 5.5mm2 THHN, Stranded	130.00	m								
1101(2)b4	Electric Wire, 8.0mm2 THHN, Stranded	190.00	m								
1101(2)b5	Electric Wire, 14mm2 THHN, Stranded	114.00	m								
1101(2)b6	Electric Wire, 22mm2 THHN, Stranded	264.00	m								
1101(2)b8	Electric Wire, 38mm2 THHN, Stranded	40.00	m								
1101(2)b11	Electric Wire, 80mm2 THHN, Stranded	80.00	m								
1101(3)	Single Pole Wall Switch on one switch plate	16.00	set								
1101(4)	Duplex (2 Single Pole Wall Switches on one switch plate)	4.00	set								
1101(5)	Triplex (3 Single Pole Wall Switches on one switch plate)	7.00	set								
1101(6)	Three-way Switch	2.00	set								
1101(16)	Duplex Convenience Outlet (GT)	50.00	set								
1101(20)	Special Purpose Outlet for WH	2.00	set								
1102(1)	Panel Board with Main & Branch Breakers	1.00	I.s								
1103(1)	Lighting Fixtures	1.00	I.s								
1104(1)	Auxiliary System	1.00	I.s								
1105(1)a	Data Cabinet, Wall Type	1.00	set								
1105(7)	UTP Cable CAT6	150.00	m								
1105(14)	Wall Plate, 1 port Data Outlet	1.00	set								
1105(15)	Wall Plate, 2 port Data Outlet	6.00	set								
1105(19)	Network Equipment (Router)	2.00	unit								

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1109	Exothermic weld	1.00	set								
1109(4)h	Bare Copper Wire 30mm2	12.00	m								
1109(5)g	Grounding Clamps for Electric Wires (30mm2)	1.00	pc								
1109(6)b	Grounding Rod Copper Clad (16mm dia x 3m)	4.00	lgth.								
1111(4)	Handhole	1.00	l.s								
1111(7)	Trench Excavation	1.00	l.s								
1111(8)	2 Spool Insulator Secondary Rack	1.00	set								
SubTotal for Part E											
Part G	MECHANICAL										
1200(5)b	Exhaust Fan, wall mounted	2.00	set								
1208(1)	Fire Alarm System	1.00	l.s								
SubTotal for Part E											
TOTAL PROJECT COST											

Prepared by:

Authorized Representative

Designation

Company Name

VAT (5% of EDC + OCM + CP)	AMOUNT	UNIT COST
