

PROJECT : MVB PROJECT
LOCATION : BAGUIO CITY
SUBJECT : MECHANICAL BILL OF QUANTITIES

Item	Description	Qty	Unit	Daikin Model	Total Unit Cost	
					Cost	Cost Rate
	MECHANICAL WORKS					
1.0	VARIABLE REFRIGERANT VOLUME EQP.					
	VRV 40.0HP ; 380V , 3Phase , 60Hz	5.0	Units	RXUQ40AMYM	₱ 1,860,200	9,301,000.00
	VRV 24.0HP ; 380V , 3Phase , 60Hz	2.0	Units	RXUQ24AMYM	₱ 1,042,400	2,084,800.00
	VRV 16.0HP ; 380V , 3Phase , 60Hz	1.0	Units	RXUQ16AYM	₱ 816,800	816,800.00
	VRV 30.0HP ; 380V , 3Phase , 60Hz	4.0	Units	RXUQ30AMYM	₱ 1,392,600	5,570,400.00
	VRV 20.0HP ; 380V , 3Phase , 60Hz	1.0	Units	RXUQ20AM1YM	₱ 1,075,800	1,075,800.00
	VRV 32.0HP ; 380V , 3Phase , 60Hz	5.0	Units	RXUQ32AMYM	₱ 1,451,300	7,256,500.00
	VRV 34.0HP ; 380V , 3Phase , 60Hz	1.0	Units	RXUQ34AMYM	₱ 1,679,400	1,679,400.00
	VRV 6.0HP ; 380V , 3Phase , 60Hz	1.0	Units	RXUQ6AYM	₱ 330,100	330,100.00
	VRV 36.0HP ; 380V , 3Phase , 60Hz	2.0	Units	RXUQ36AMYM	₱ 1,746,900	3,493,800.00
	VRV 18.0HP ; 380V , 3Phase , 60Hz	2.0	Units	RXUQ18AM1YM	₱ 990,300	1,980,600.00
	VRV 28.0HP ; 380V , 3Phase , 60Hz	2.0	Units	RXUQ28AMYM	₱ 1,338,000	2,676,000.00
	A-Sub Total				7,536,000.00	36,265,200.00
B.	Air Handling Unit/ Fan Coil Unit					
	FCU-1; Ceiling Concealed Ducted Type; 10.0 HP : 3000cfm	25.0	Units	FXMQ96MFVJU	₱ 327,000	8,175,000.00
	FCU-2; Ceiling Suspended Free BlowType; 4.0 HP : 1200cfm	5.0	Units	FXHQ100MAVE	₱ 89,800	449,000.00
	FCU-3; Wall Mounted Free BlowType; 2.0 HP : 600cfm	1.0	Units	FXAQ50AVM	₱ 49,500	49,500.00
	FCU-4; Wall Mounted Free BlowType; 1.5 HP : 450cfm	3.0	Units	FXAQ40AVM	₱ 48,700	146,100.00
	FCU-7; Wall Mounted Free BlowType; 1.0 HP : 300cfm	6.0	Units	FXAQ25AVM	₱ 46,900	281,400.00
	FCU-6; 4-WAY Ceiling Cassette Free Blow Type; 5.0HP ; 1500cfm	15.0	Units	FXFQ125AVM	₱ 81,800	1,227,000.00
	FCU-5; 4-WAY Ceiling Cassette Free Blow Type; 3.2HP ; 960cfm	18.0	Units	FXFQ80AVM	₱ 78,500	1,413,000.00
	FCU-9; 4-WAY Ceiling Cassette Free Blow Type; 4.0HP ; 1200cfm	18.0	Units	FXFQ100AVM	₱ 80,200	1,443,600.00
	FCU-10; Wall Mounted Free Blow Type; 2.5HP : 750cfm	6.0	Units	FXAQ63AVM	₱ 50,700	304,200.00
	FCU-8; 2-WAY Ceiling Cassette Blow Type; 5.0HP : 1500cfm	6.0	Units	FXCQ125AVM	₱ 170,300	1,021,800.00
	FCU-11; 4-WAY Ceiling Cassette Blow Type; 2.5HP : 750cfm	25.0	Units	FXFQ63AVM	₱ 71,100	1,777,500.00
	FCU-12; Ceiling Concealed Ducted Type; 8.0HP : 2400cfm	18.0	Units	FXMQ72MFVJU	₱ 317,000	5,706,000.00
	FCU-14 ; Wall Mounted Free Blow Type; 0.75HP : 225cfm	1.0	Units	FXAQ20AVM	₱ 46,000	46,000.00
	FCU-13 ; 4-WAY Ceiling Cassette Free Blow Type; 2.0HP : 600cfm	3.0	Units	FXAQ50AVM	₱ 49,500	148,500.00
	FCU-15 ; Ceiling Concealed Ducted Type; 5.0HP : 1500cfm	4.0	Units	FXSQ125PAVE	₱ 170,300	681,200.00
	VRV Accessories					
	Outdoor Refnet	20.00	Units	BHFP22P100	₱ 14,000	280,000.00
	Outdoor Refnet	4.00	Units	BHFP22P151	₱ 28,000	112,000.00
	Refnet	14.00	Units	KHRP26A22T	₱ 3,600	50,400.00
	Refnet	18.00	Units	KHRP26A33T	₱ 4,100	73,800.00
	Refnet	60.00	Units	KHRP26A72T	₱ 6,800	408,000.00
	Refnet	35.00	Units	KHRP26A73T +	₱ 16,200	567,000.00

	2 Way Flow Deco Panel	1.00	Units	BYBCQ125CF	₹	45,100	45,100.00
	Wired Remote	153.00	Units	BRC1E63	₹	10,000	1,530,000.00
	4 Way Cassette Deco Panel	83.00	Units	BYCQ125EAF	₹	19,000	1,577,000.00
	B-Sub Total						27,513,100.00
	Fan Coil Unit Split Type w/ ACCU						
	FCU, ACCU -A : Ceiling Concealed Ducted Type : 1.64kw ; 1 Phase , 60Hz , 2.0HP @ 600cfm	248.00	Units	FBA50BVMA / RZF50CVM	PhP	100,000.00	24,800,000.00
	FCU, ACCU -B : Ceiling Concealed Ducted Type : 1.35kw ; 1 Phase , 60Hz , 1.5HP @ 450cfm	1.00	Units	FBA50BVMA / RZF50CVM	PhP	100,000.00	100,000.00
	FCU, ACCU -C : Ceiling Concealed Ducted Type : 3.01 kw ; 1 Phase , 60Hz , 3.2HP @ 960cfm	1.00	Units	FBA71BVMA / RZF71CVM	PhP	140,000.00	140,000.00
	FCU, ACCU -D : Ceiling Concealed Ducted Type : 4.44 kw ; 1 Phase , 60Hz , 4.0HP @ 1200cfm	1.00	Units	FBA100BVMA / RZF100CVM	PhP	172,000.00	172,000.00
	B-Sub Total						25,212,000.00
	1.0-Sub Total						
	B. ENERGY RECOVERY VENTILATOR						
	ERV-1 : SUP-495cfm : EXH- 495cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-2 : SUP-440cfm : EXH- 440cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-3 : SUP-870cfm : EXH- 870cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-4 : SUP-548cfm : EXH- 548cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-5 : SUP-165cfm : EXH- 165cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-6 : SUP-240cfm : EXH- 240cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-7 : SUP-760cfm : EXH- 760cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-8 : SUP-710cfm : EXH- 710cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-9 : SUP-365cfm : EXH- 365cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-9 : SUP-710cfm : EXH- 710cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-10 : SUP-510cfm : EXH- 510cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-11 : SUP-170cfm : EXH- 170cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-12 : SUP-480cfm : EXH- 480cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-13 : SUP-145cfm : EXH- 145cfm TYPE : Heat Exchanger	1.00	Units	VAM1500HVE	₹	316,900	316,900.00
	ERV-14 : SUP-600cfm : EXH- 600cfm TYPE : Heat Exchanger	2.00	Units	VAM1500HVE	₹	316,900	633,800.00
	ERV-15 : SUP-800cfm : EXH- 800cfm TYPE : Heat Exchanger	3.00	Units	VAM1500HVE	₹	316,900	950,700.00
	ERV REMOTE	19.00	Units	BRC1H62W	₹	11,000	209,000.00
	B-Sub Total						6,230,100.00
	F-Sub Total						
	Grand Total						95,220,400.00
	Discount						39,067,380.00
	Discounted PRICE						56,153,020.00