

Table 4.2.9 (8/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

V. ROOF WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-1		Metal Sheet Roof		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-29	Chief of Steel Worker	day	0.2	0	0	58,600	0	0	11,720	
	L-2-16	Steel Worker	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1.5	0	0	35,100	0	0	52,650	
Material											
	M-E-55	Steel Bacing Plate	kg	121	0	1,780	4,152	0	215,328	502,432	
	M-E-51	Anchor	pcs	20	0	2,100	4,900	0	42,000	98,000	
	M-E-52	Plug Nail	pcs	40	0	90	210	0	3,600	8,400	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6,000	14,000	
Others											
	Miscellaneous		L.S.					0	72	98	Round Up
Total for				10 m ²				0	267,000	765,300	
Unit Cost for				1 m ²				0	26,700	76,530	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-2		Metal Sheet Ridge		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-26	Chief of Carpenter	day	0.025	0	0	58,600	0	0	1465	
	L-2-12	Carpenter	day	0.25	0	0	39,000	0	0	9750	
	L-2-23	Common Labour	day	0.25	0	0	35,100	0	0	8775	
Material											
	M-E-66	Iron Sheet BJLS 3.0	sheet	6	0	20,300	8,700	0	121800	52200	
	M-E-53	Screw Nail	pcs	12	0	150	350	0	1800	4200	
Others											
	Miscellaneous		L.S.					0	0	10	Round Up
Total for				10 m				0	123,600	76,400	
Unit Cost for				1 m				0	12,360	7,640	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-3		Ceramic Roof Tile		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.1	0	0	48,800	0	0	4,880	
	L-2-27	Chief of Mason	day	0.1	0	0	58,600	0	0	5860	
	L-2-11	Mason	day	1	0	0	39,000	0	0	39000	
	L-2-23	Common Labour	day	2	0	0	35,100	0	0	70200	
Material											
	M-K-46	Ceramic Roof Tile	m ²	10	0	12,150	28,350	0	121,500	283,500	
Others											
	Miscellaneous		L.S.					0	0	60	Round Up
Total for				10 m ²				0	121,500	403,500	
Unit Cost for				1 m ²				0	12,150	40,350	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-4		Ceramic Ridge Tile		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.2	0	0	48,800	0	0	9,760	
	L-2-27	Chief of Mason	day	0.2	0	0	58,600	0	0	11720	
	L-2-11	Mason	day	2	0	0	39,000	0	0	78000	
	L-2-23	Common Labour	day	4	0	0	35,100	0	0	140400	
Material											
	M-K-47	Ceramic Ridge Tile	pcs	30	0	2,846	6,640	0	85,365	199,185	
	M-C-58	Lime	m ³	0.158	0	11,500	103,500	0	1817	16353	
	M-B-3	Sand for Mortar (Masonry)	m ³	0.315	0	2,250	42,750	0	708.75	13466.25	
Others											
	Miscellaneous		L.S.					0	9	16	Round Up
Total for				10 m				0	87,900	468,900	
Unit Cost for				1 m				0	8,790	46,890	

Table 4.2.9 (9/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B5-Bq-5		Timber Raften and Timber Batten		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.025	0	0	48,800	0	0	1,220	
	L-2-26	Chief of Carpenter	day	0.1	0	0	58,600	0	0	5860	
	L-2-12	Carpenter	day	1	0	0	39,000	0	0	39000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35100	
Material	M-E-54	Nail for Lath	kg	2.5	0	1,650	3,850	0	4,125	9,625	
	M-D-20	Timbering for roof	m ³	0.14	0	0	1,200,000	0	0	168000	
Others		Miscellaneous	L.S.					0	75	95	Round Up
Total for				10 m ²				0	4,200	258,900	
Unit Cost for				1 m ²				0	420	25,890	

ID No.		Working Name		Calculation Quantity							Remarks
S-B5-Bq-6		Steel Truss		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58,600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39,000	0	0	253,500	
	L-2-23	Common Labour	day	4	0	0	35,100	0	0	140,400	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5,225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	27,136	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	39	Round Up
Total for				100 Kg				631,000	0	569,900	
Unit Cost for				1 Kg				6,310	0	5,699	

ID No.		Working Name		Calculation Quantity							Remarks
S-B5-Bq-7		Steel Parlin		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58,600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39,000	0	0	253,500	
	L-2-23	Common Labour	day	4	0	0	35,100	0	0	140,400	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5,225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	27,136	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	39	Round Up
Total for				100 Kg				631,000	0	569,900	
Unit Cost for				1 Kg				6,310	0	5,699	

ID No.		Working Name		Calculation Quantity							Remarks
S-B5-Bq-8		Steel Facing		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58,600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39,000	0	0	253,500	
	L-2-23	Common Labour	day	4	0	0	35,100	0	0	140,400	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5,225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	27,136	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	39	Round Up
Total for				100 Kg				631,000	0	569,900	
Unit Cost for				1 Kg				6,310	0	5,699	

Table 4.2.9 (10/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-9		Asphalt Sheet Roof Cover		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11,720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material	M-C-4	Asphalt	kg	9.8	0	450	1,050	0	4,410	10,290	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6,000	14,000	
Others	Miscellaneous		L.S.					0	90	50	Round Up
Total for		10 m ²						0	10,500	151,600	
Unit Cost for		1 m ²						0	1,050	15,160	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-10		Colour Bond Metal Sheet (Gutter)		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11,720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material	Colorbond Metal Sheet		m ²	10	0	18,000	42,000	0	180,000	420,000	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6,000	14,000	
Others	Miscellaneous		L.S.					0	0	40	Round Up
Total for		10 m ²						0	186,000	561,300	
Unit Cost for		1 m ²						0	18,600	56,130	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-11		Gutter Timber Batten		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.1	0	0	58,600	0	0	5,860	
	L-2-12	Carpenter	day	1	0	0	39,000	0	0	39,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material	M-D-16	Plank Wood second class(Camphol)	m ³	0.167	0	0	1,900,000	0	0	316,667	
	M-E-48	Nails for Wood	kg	2.5	0	2,400	5,600	0	6,000	14,000	
Others	Miscellaneous		L.S.					0	0	33	Round Up
Total for		10 m ²						0	6,000	413,100	
Unit Cost for		1 m ²						0	600	41,310	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-12		Facing Timber Batten 30 x 300 mm		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.8	0	0	58,600	0	0	46,880	
	L-2-12	Carpenter	day	8	0	0	39,000	0	0	312,000	
	L-2-23	Common Labour	day	2.8	0	0	35,100	0	0	98,280	
Material	M-D-16	Plank Wood second class(Camphol)	m ³	0.19	0	0	1,900,000	0	0	361,000	
	M-E-48	Nails for Wood	kg	1	0	2,400	5,600	0	2,400	5,600	
Others	Miscellaneous		L.S.					0	0	8	Round Up
Total for		10 m ²						0	2,400	830,600	
Unit Cost for		1 m ²						0	240	83,060	

Table 4.2.9 (11/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-13		Plywood Roof Cover		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11,720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material											
	M-E-48	Nails for Wood	kg	2.2	0	2,100	5,600	0	5,280	12,320	
	M-D-6	Plywood, 120 x 240 t=6mm	sheet	3.47	0	4,500	40,500	0	15,615	140,535	
Others											
		Miscellaneous	L.S.					0	5	85	Round Up
Total for		10 m ²						0	20,900	280,200	
Unit Cost for		1 m ²						0	2,090	28,020	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-14		Aluminium Sheet		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11,720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material											
		Aluminium Plat t=0.6 mm	m ²	10	0	18,975	44,275	0	189,750	442,750	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6,000	14,000	
Others											
		Miscellaneous	L.S.					0	50	90	Round Up
Total for		10 m ²						0	195,800	584,100	
Unit Cost for		1 m ²						0	19,580	58,410	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-15		Glasswool Layer		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11,720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material											
		Glasswool Layer	m ²	10	0	9,870	23,030	0	98,700	230,300	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6,000	14,000	
Others											
		Miscellaneous	L.S.					0	0	40	Round Up
Total for		10 m ²						0	104,700	371,600	
Unit Cost for		1 m ²						0	10,470	37,160	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-16		Facing		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Facing	m	10	0	0	30,000	0	0	300,000	
Total for		10 m						0	0	300,000	
Unit Cost for		1 m						0	0	30,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-17		Wood Truss		10 m ³							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-57	Roof Truss/frestle with Max Span of 6-9m	m ³	10	78,400	7,200	3,259,900	784,000	72,000	32,599,000	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for		10 m ³						784,000	72,000	32,599,000	
Unit Cost for		1 m ³						78,400	7,200	3,259,900	

Table 4.2.9 (12/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-18		Wood Purlin		10 m3							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-59	Kamper Wood Purlin Installation	m3	10	0	5,300	2,435,400	0	53,000	2,435,400	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m3				0	53,000	2,435,400	
Unit Cost for				1 m3				0	5,300	2,435,400	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-19		Termite Protection		10 L.S.							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Termite Protection											
			L.S.	10			300,000			3,000,000	
Total for				10 L.S.				0	0	3,000,000	
Unit Cost for				1 L.S.				0	0	300,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-20		Fiber Cement Roof Tile		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.1	0	0	48,800	0	0	4,880	
	L-2-27	Chief of Mason	day	0.1	0	0	58,600	0	0	5,860	
	L-2-11	Mason	day	1	0	0	39,000	0	0	39,000	
	L-2-23	Common Labour	day	2	0	0	35,100	0	0	70,200	
Material											
	M-L-14	Asbestos Cement, 6mm thick	m2	10	0	800	1,200	0	8,000	12,000	
Others			Miscellaneous	L.S.				0	0	60	Round Up
Total for				10 m2				0	8,000	132,000	
Unit Cost for				1 m2				0	800	13,200	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-21		Truss Beugel & Bolt		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Direct Cost											
Labour											
	L-2-16	Steel Worker	day	0.5	0	0	39,000	0	0	19,500	
	L-2-23	Common Labour	day	2	0	0	35,100	0	0	70,200	
Material											
	M-E-36	Bolt and Nut	kg	10	0	12,375	28,875	0	123,750	288,750	
Others			Tools	%	5			0	6,188	18,923	
Miscellaneous			L.S.				0	63	28	Round Up	
Total for				100 Kg				0	130,000	397,400	
Unit Cost for				1 Kg				0	1,300	3,974	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-22		Chanel C Purlin		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Direct Cost											
Labour											
	L-2-29	Chief of Steel Worker	day	2	0	0	58,600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39,000	0	0	253,500	
	L-2-23	Common Labour	day	4	0	0	35,100	0	0	140,400	
Material											
	M-E-78	C-beam (Purchasing), SS41	kg	115	5,225	0	275	600,875	0	31,625	Material loss factor 15%
Others			Tools	%	5			30,044	0	27,136	Weld Machine, generator and etc.
Miscellaneous			L.S.				81	0	39	Round Up	
Total for				100 Kg				631,000	0	569,900	
Unit Cost for				1 Kg				6,310	0	5,699	

Table 4.2.9 (13/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-23		Facing Plate I		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Others		Facing Plate I	m ²	10			26,500			265,000	
Total for				10 m ²				0	0	265,000	
Unit Cost for				1 m ²				0	0	26,500	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-24		Facing Plate II		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Others		Facing Plate II	m ²	10			29,000			290,000	
Total for				10 m ²				0	0	290,000	
Unit Cost for				1 m ²				0	0	29,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-25		Sandwich Layer & Steel Roof		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
		S-B5-Bq-15 Glasswool Layer	m ²	10	0	10,470	37,160	0	104,700	371,600	
		S-B5-Bq-31 Steel Roof	m ²	20	0	26,700	76,530	0	534,000	1,530,600	
Total for				10 m ²				0	638,700	1,902,200	
Unit Cost for				1 m ²				0	63,870	190,220	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-26		Capping		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-26	Chief of Carpenter	day	0.025	0	0	58,600	0	0	1465	
	L-2-12	Carpenter	day	0.25	0	0	39,000	0	0	9750	
	L-2-23	Common Labour	day	0.25	0	0	35,100	0	0	8775	
Material											
	M-E-53	Aluminium Capping	m ²	12	0	6,750	15,750	0	81,000	189,000	
		Screw Nail	pcs	12	0	150	350	0	1800	4200	
Others			Miscellaneous	L.S.				0	0	10	Round Up
Total for				10 m				0	82,800	213,200	
Unit Cost for				1 m				0	8,280	21,320	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B5-Bq-27		Polycarbonat Frame		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-29	Chief of Steel Worker	day	1.5	0	0	58,600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39,000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35,100	0	0	228,150	
Material											
	M-E-4	Structural Steel(Purchasing), SS41	kg	130	5,225	0	275	679,250	0	35,750	Material loss factor 30%
Others			Tools	%	5			33,963	0	27,340	
			Miscellaneous	L.S.				88	0	60	Round Up
Total for				100 Kg				713,300	0	574,200	
Unit Cost for				1 Kg				7,133	0	5,742	

Table 4.2.9 (14/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-28		Polycarbonat Roof Sheet		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35100	
Material											
	M-E-48	Nails for Wood	kg	2.2	0	2,400	5,600	0	5,280	12,320	
		Polycarbonat Roof Sheet	m ²	10.000	0	0	100,000	0	0	1,000,000	
Others											
		Miscellaneous	L.S.					0	20	20	Round Up
Total for		10 m ²						0	5,300	1,139,600	
Unit Cost for		1 m ²						0	530	113,960	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-29		Aluminium Capping		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-26	Chief of Carpenter	day	0.025	0	0	58,600	0	0	1465	
	L-2-12	Carpenter	day	0.25	0	0	39,000	0	0	9750	
	L-2-23	Common Labour	day	0.25	0	0	35,100	0	0	8775	
Material											
		Aluminium Capping	m ²	12	0	6,750	15,750	0	81000	189000	
	M-E-53	Screw Nail	pcs	12	0	150	350	0	1800	4200	
Others											
		Miscellaneous	L.S.					0	0	10	Round Up
Total for		10 m						0	82,800	213,200	
Unit Cost for		1 m						0	8,280	21,320	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-30		Asphalt Sheet Water Proofing 5 mm		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35100	
Material											
	M-L-13	Water Proofing Coat	m ²	10	0	13,464	8,976	0	134,640	89,760	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6,000	14,000	
Others											
		Miscellaneous	L.S.					0	60	80	Round Up
Total for		10 m ²						0	140,700	231,100	
Unit Cost for		1 m ²						0	14,070	23,110	

Table 4.2.9 (15/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B5-Bq-31		Steel Roof		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	0.2	0	0	58,600	0	0	11,720	
	L-2-16	Steel Worker	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1.5	0	0	35,100	0	0	52,650	
Material	M-E-55	Steel Baring Plate	kg	121	0	1,780	4,152	0	215,328	502,432	
	M-E-51	Anchor	pcs	20	0	2,100	4,900	0	42,000	98,000	
	M-E-52	Plug Nail	pcs	40	0	90	210	0	3,600	8,400	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6,000	14,000	
Others		Miscellaneous	L.S.					0	72	98	Round Up
Total for				10 m2				0	267,000	765,300	
Unit Cost for				1 m2				0	26,700	76,530	

ID No.		Working Name		Calculation Quantity							Remarks
S-B5-Bq-32		Roof Ventilation Frame		10 m3							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	3.3	0	0	48,800	0	0	162,667	
	L-2-26	Chief of Carpenter	day	20	0	0	58,600	0	0	1,172,000	
	L-2-12	Carpenter	day	200	0	0	39,000	0	0	7,800,000	
	L-2-23	Common Labour	day	66.7	0	0	35,100	0	0	2,340,000	
Material	M-E-48	Nails for Wood	kg	2	0	2,400	5,600	0	4,800	11,200	
	M-D-15	Door Frame Wood second class(Camphol)	m3	11	0	0	1,850,000	0	0	20,350,000	
Others		Miscellaneous	L.S.					0	0	33	Round Up
Total for				10 m3				0	4,800	31,835,900	
Unit Cost for				1 m3				0	480	3,183,590	

Table 4.2.9 (16/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

VI. FLOOR WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B6-Bq-1		Ceramic Floor Tile, 200 x 200 mm		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.12	0	0	48,800	0	0	5,856	
	L-2-27	Chief of Mason	day	0.08	0	0	58,600	0	0	4,688	
	L-2-11	Mason	day	0.8	0	0	39,000	0	0	31,200	
	L-2-23	Common Labour	day	2.4	0	0	35,100	0	0	84,240	
Material											
	M-K-48	Ceramic Floor Tile, 200x200 mm	m ²	10	0	9,000	21,000	0	90,000	210,000	
	M-C-2	White Portland Cement	kg	1.5	0	200	800	0	300	1,200	
	M-C-1	Portland Cement	kg	60	0	100	400	0	6,000	24,000	
	M-B-3	Sand for Mortar (Masonry)	m ³	0.1	0	2,250	42,750	0	225	4,275	
Others											
		Miscellaneous	L.S.					0	75	41	Round Up
Total for				10 m ²				0	96,600	365,500	
Unit Cost for				1 m ²				0	9,660	36,550	

ID No.		Working Name		Calculation Quantity							Remarks
S-B6-Bq-2		Ceramic Floor Tile, 200 x 200 mm (Nonslip Texture)		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.12	0	0	48,800	0	0	5,856	
	L-2-27	Chief of Mason	day	0.08	0	0	58,600	0	0	4,688	
	L-2-11	Mason	day	0.8	0	0	39,000	0	0	31,200	
	L-2-23	Common Labour	day	2.4	0	0	35,100	0	0	84,240	
Material											
	M-K-49	Ceramic Floor Tile, 200x200mm, Nonslip Texture	m ²	10	0	9,000	21,000	0	90,000	210,000	
	M-C-2	White Portland Cement	kg	1.5	0	200	800	0	300	1,200	
	M-C-1	Portland Cement	kg	60	0	100	400	0	6,000	24,000	
	M-B-3	Sand for Mortar (Masonry)	m ³	0.1	0	2,250	42,750	0	225	4,275	
Others											
		Miscellaneous	L.S.					0	75	41	Round Up
Total for				10 m ²				0	96,600	365,500	
Unit Cost for				1 m ²				0	9,660	36,550	

ID No.		Working Name		Calculation Quantity							Remarks
S-B6-Bq-3		Ceramic Floor Tile, 300 x300 mm		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.12	0	0	48,800	0	0	5,856	
	L-2-27	Chief of Mason	day	0.08	0	0	58,600	0	0	4,688	
	L-2-11	Mason	day	0.8	0	0	39,000	0	0	31,200	
	L-2-23	Common Labour	day	2.4	0	0	35,100	0	0	84,240	
Material											
	M-K-50	Ceramic Floor Tile, 300x300 mm	m ²	10	0	9,000	21,000	0	90,000	210,000	
	M-C-2	White Portland Cement	kg	1.5	0	200	800	0	300	1,200	
	M-C-1	Portland Cement	kg	60	0	100	400	0	6,000	24,000	
	M-B-3	Sand for Mortar (Masonry)	m ³	0.1	0	2,250	42,750	0	225	4,275	
Others											
		Miscellaneous	L.S.					0	75	41	Round Up
Total for				10 m ²				0	96,600	365,500	
Unit Cost for				1 m ²				0	9,660	36,550	

ID No.		Working Name		Calculation Quantity							Remarks
S-B6-Bq-4		Ceramic Floor Tile, 300 x300 mm, (Nonslip Texture)		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.12	0	0	48,800	0	0	5,856	
	L-2-27	Chief of Mason	day	0.08	0	0	58,600	0	0	4,688	
	L-2-11	Mason	day	0.8	0	0	39,000	0	0	31,200	
	L-2-23	Common Labour	day	2.4	0	0	35,100	0	0	84,240	
Material											
	M-K-51	Ceramic Floor Tile, 300x300 mm, Nonslip Texture	m ²	10	0	9,000	21,000	0	90,000	210,000	
	M-C-2	White Portland Cement	kg	1.5	0	200	800	0	300	1,200	
	M-C-1	Portland Cement	kg	60	0	100	400	0	6,000	24,000	
	M-B-3	Sand for Mortar (Masonry)	m ³	0.1	0	2,250	42,750	0	225	4,275	
Working Base Cost											
Others											
		Miscellaneous	L.S.					0	75	41	Round Up
Total for				10 m ²				0	96,600	365,500	
Unit Cost for				1 m ²				0	9,660	36,550	

Table 4.2.9 (17/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.	Working Name		Calculation Quantity			Remarks					
S-B6-Bq-5	Wall Base Mortar Fin w/ Waterproof Paint		10 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-49	Plastering 20mm thickness with Icement : 2sand	m2	1	0	1,900	13,900	0	1,900	13,900	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for			10 m					0	1,900	13,900	
Unit Cost for			1 m					0	190	1,390	

ID No.	Working Name		Calculation Quantity			Remarks					
S-B6-Bq-6	Stair Nosing Ceramic Tile		10 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.0216	0	0	48,800	0	0	1,054	
	L-2-27	Chief of Mason	day	0.0144	0	0	58,600	0	0	844	
	L-2-11	Mason	day	0.144	0	0	39,000	0	0	5,616	
	L-2-23	Common Labour	day	0.432	0	0	35,100	0	0	15,163	
Material											
	M-K-50	Ceramic Floor Tile, 300x300 mm	m2	1.8	0	9,000	21,000	0	16,200	37,800	
	M-C-2	White Portland Cement	kg	0.27	0	200	800	0	54	216	
	M-C-1	Portland Cement	kg	10.8	0	100	400	0	1,080	4,320	
	M-B-3	Sand for Mortar (Masonry)	m3	0.018	0	2,250	42,750	0	41	770	
Others			Miscellaneous	L.S.				0	26	17	Round Up
Total for			10 m					0	17,400	65,800	
Unit Cost for			1 m					0	1,740	6,580	

ID No.	Working Name		Calculation Quantity			Remarks					
S-B6-Bq-7	Granito Tile for Entrance Wall		10 m2								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.12	0	0	48,800	0	0	5,856	
	L-2-27	Chief of Mason	day	0.08	0	0	58,600	0	0	4,688	
	L-2-11	Mason	day	0.8	0	0	39,000	0	0	31,200	
	L-2-23	Common Labour	day	2.4	0	0	35,100	0	0	84,240	
Material											
		Granito Tile	m2	10	0	46,500	108,500	0	465,000	1,085,000	
	M-C-2	White Portland Cement	kg	1.5	0	200	800	0	300	1,200	
	M-C-1	Portland Cement	kg	60	0	100	400	0	6,000	24,000	
	M-B-3	Sand for Mortar (Masonry)	m3	0.1	0	2,250	42,750	0	225	4,275	
Others			Miscellaneous	L.S.				0	75	41	Round Up
Total for			10 m2					0	471,600	1,240,500	
Unit Cost for			1 m2					0	47,160	124,050	

ID No.	Working Name		Calculation Quantity			Remarks					
S-B6-Bq-8	Terracota		10 m2								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.12	0	0	48,800	0	0	5,856	
	L-2-27	Chief of Mason	day	0.08	0	0	58,600	0	0	4,688	
	L-2-11	Mason	day	0.8	0	0	39,000	0	0	31,200	
	L-2-23	Common Labour	day	2.4	0	0	35,100	0	0	84,240	
Material											
		Terracota	m2	10	0	9,000	21,000	0	90,000	210,000	
	M-C-2	White Portland Cement	kg	1.5	0	200	800	0	300	1,200	
	M-C-1	Portland Cement	kg	60	0	100	400	0	6,000	24,000	
	M-B-3	Sand for Mortar (Masonry)	m3	0.1	0	2,250	42,750	0	225	4,275	
Others			Miscellaneous	L.S.				0	75	41	Round Up
Total for			10 m2					0	96,600	365,500	
Unit Cost for			1 m2					0	9,660	36,550	

Table 4.2.9 (18/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

VII. PLUMBING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-1		Water Supply Installation (PVC Pipes D= 19.05 mm)		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-28	PVC pipe Installation with Dia.0.75", 1m length	piece	10	0	0	36,700	0	0	367000	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m				0	0	367,000	
Unit Cost for				1 m				0	0	36,700	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-2		Waste Water Installation (PVC Pipes D= 110 mm)		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-27	Chief of Mason	day	0.2	0	0	58,600	0	0	11,720	
	L-2-11	Mason	day	1.5	0	0	39,000	0	0	58500	
	L-2-23	Common Labour	day	8.5	0	0	35,100	0	0	298350	
	L-2-1	Foreman	day	2.5	0	0	48,800	0	0	122000	
Material											
	M-G-19	PVC Pipe, Dia. 110mm	bar	1.67	0	16,440	38,360	0	27,455	64,061	
Others			Miscellaneous	L.S.				0	45	69	Round Up
Total for				10 m				0	27,500	554,700	
Unit Cost for				1 m				0	2,750	55,470	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-3		Septic tank		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Material											
	M-E-76	Galvanized Tube Dia. 3.81 mm	bar	3.47	0	10,800	25,200	0	37,440	87,360	
	M-C-60	Prefabricated Concrete Tube	bar	20	0	15,000	35,000	0	300,000	700,000	
Working Base Cost											
	CW-2-5	Cutting Common Earth, 1m depth	m3	408.75	0	0	16,000	0	0	6,540,000	
	S-B4-Bq-2	Concrete 1:3:5 (Floor work)	m3	0.28	0	24,070	280,070	0	6,716	78,140	
	CW-2-21	Masonry of Brick Stone/Brickwork, 1cement : 2sand, 1/2Brick thickness	m2	38.45	0	3,400	57,200	0	130,741	2,199,517	
	CW-2-9	Backfilling Earth	m3	362.33	0	0	7,700	0	0	2,789,978	
Others			Tools and Labour Miscellaneous	L.S.				0	18,996 8	495,800 5	Assumption 4% Round Up
Total for				10 unit				0	493,900	12,890,800	
Unit Cost for				1 unit				0	49,390	1,289,080	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-4		PVC Gutter (1/2 D= 110 mm)		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-27	Chief of Mason	day	0.2	0	0	58,600	0	0	11,720	
	L-2-11	Mason	day	1.5	0	0	39,000	0	0	58500	
	L-2-23	Common Labour	day	8.5	0	0	35,100	0	0	298350	
	L-2-1	Foreman	day	2.5	0	0	48,800	0	0	122000	
Material											
	M-G-19	PVC Pipe, Dia. 110mm	bar	0.84	0	16,440	38,360	0	13,727	32,031	
Others			Miscellaneous	L.S.				0	73	99	Round Up
Total for				10 m				0	13,800	522,700	
Unit Cost for				1 m				0	1,380	52,270	

Table 4.2.9 (19/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B7-Bq-5		Closet		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-11	Mason	day	3.2	0	0	39,000	0	0	124,800	
	L-2-23	Common Labour	day	0.2	0	0	35,100	0	0	7020	
Material		Closet	pieces	10	0	0	69,000	0	0	690,000	
	M-J-17	Brick; 26 x 12.4 x 5.2 cm	pes	50	0	0	200	0	0	10,000	
	M-B-3	Sand for Mortar (Masonry)	m ³	0.1	0	2,250	42,750	0	225	4275	
	M-C-1	Portland Cement	kg	70	0	100	400	0	7000	28000	
Others		Miscellaneous	L.S.					0	75	5	
Total for				10 pieces				0	7,300	864,100	
Unit Cost for				1 pieces				0	730	86,410	

ID No.		Working Name		Calculation Quantity							Remarks
S-B7-Bq-6		Washbak		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-11	Mason	day	5.71	0	0	39,000	0	0	222,690	
	L-2-23	Common Labour	day	5.71	0	0	35,100	0	0	200421	
Material		Wash Bak	pieces	10	0	0	400,000	0	0	4,000,000	
	M-C-2	White Portland Cement	kg	2	0	200	800	0	400	1600	
Others		Miscellaneous	L.S.					0	0	89	
Total for				10 pieces				0	400	4,424,800	
Unit Cost for				1 pieces				0	40	442,480	

ID No.		Working Name		Calculation Quantity							Remarks
S-B7-Bq-7		Hand Zink (Washtafel)		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-11	Mason	day	5.71	0	0	39,000	0	0	222,690	
	L-2-23	Common Labour	day	5.71	0	0	35,100	0	0	200421	
Material		Washtafel	piece	10	0	0	200,000	0	0	2,000,000	
	M-C-2	White Portland Cement	kg	2	0	200	800	0	400	1600	
Others		Miscellaneous	L.S.					0	0	89	
Total for				10 pieces				0	400	2,424,800	
Unit Cost for				1 pieces				0	40	242,480	

ID No.		Working Name		Calculation Quantity							Remarks
S-B7-Bq-8		Water Stop Valve		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-23	Common Labour	day	2.14	0	0	35,100	0	0	75214.28571	
		Water Stop Valve	pieces	10	0	0	60,000	0	0	600,000	
Others		Miscellaneous	L.S.					0	0	86	Round Up
Total for				10 pieces				0	0	675,300	
Unit Cost for				1 pieces				0	0	67,530	

ID No.		Working Name		Calculation Quantity							Remarks
S-B7-Bq-9		Bath Tub (Watertank)		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-11	Mason	day	10.71	0	0	39,000	0	0	417,690	
	L-2-23	Common Labour	day	10.71	0	0	35,100	0	0	375921	
Material		Bathub	pieces	10	0	0	60,000	0	0	600,000	
	M-C-2	White Portland Cement	kg	10	0	200	800	0	2000	8000	
Others		Miscellaneous	L.S.					0	0	89	
Total for				10 pieces				0	2,000	1,401,700	
Unit Cost for				1 pieces				0	200	140,170	

Table 4.2.9 (20/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.	Working Name		Calculation Quantity			Remarks	
S-B7-Bq-10	Kitchen table (Reinforcement Concrete)		10 m ³				
Major Item	ID No.	Description	Unit	Quantity	Unit Cost	Cost	Remarks
					PF/C	IF/C	L/C
Others							
	S-B4-Bq-3	Concrete 1:2:3	m ³	10	0	37,300	467,700
	S-B4-Bq-6	Concrete Coster	m ²	100	10	970	80,220
	S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	1250	0	1,203	9,128
Total for	10 m ³					1,000	1,973,750
Unit Cost for	1 m ³					100	197,375

ID No.	Working Name		Calculation Quantity			Remarks	
S-B7-Bq-11	Floor Drain		10 pieces				
Major Item	ID No.	Description	Unit	Quantity	Unit Cost	Cost	Remarks
					PF/C	IF/C	L/C
		Floor Drain	pieces	10	0	0	60,000
Total for	10 pieces					0	600,000
Unit Cost for	1 pieces					0	60,000

ID No.	Working Name		Calculation Quantity			Remarks	
S-B7-Bq-12	Drainage Box		10 pieces				
Major Item	ID No.	Description	Unit	Quantity	Unit Cost	Cost	Remarks
					PF/C	IF/C	L/C
Working Base Cost							
	S-B2-Bq-4	Masonry of Coble Stone, Icement : 3sand	m ³	4.55	0	23,240	224,610
	S-B2-Bq-1	Dry Stone Masonry	m ³	0.975	0	2,900	96,000
	S-B15-Bq-2	Gravel	m ³	0.56	0	1,360	31,260
	CW-2-5	Cutting Common Earth, 1m depth	m ³	6.44	0	0	16,000
	CW-2-50	Plastering 20mm thickness with Icement : 3sand	m ²	9.216	0	1,500	12,300
Others		Miscellaneous	L.S.				
						0	45
Total for	10 pieces					0	123,200
Unit Cost for	1 pieces					0	12,320

ID No.	Working Name		Calculation Quantity			Remarks	
S-B7-Bq-13	Drainage U-300		10 m				
Major Item	ID No.	Description	Unit	Quantity	Unit Cost	Cost	Remarks
					PF/C	IF/C	L/C
Working Base Cost							
	CW-2-111	Masonry of U-shapes Casted Concrete U-30	m	10	0	2,400	36,500
Others		Miscellaneous	L.S.				
						0	0
Total for	10 m					0	24,000
Unit Cost for	1 m					0	2,400

ID No.	Working Name		Calculation Quantity			Remarks	
S-B7-Bq-14	Water Cock		10 pieces				
Major Item	ID No.	Description	Unit	Quantity	Unit Cost	Cost	Remarks
					PF/C	IF/C	L/C
Labour	L-2-23	Common Labour	day	2.14	0	0	35,100
Material		Water Cock	pieces	10	0	0	60,000
Others		Miscellaneous	L.S.				
						0	0
Total for	10 pieces					0	675,300
Unit Cost for	1 pieces					0	67,530

ID No.	Working Name		Calculation Quantity			Remarks	
S-B7-Bq-15	New Installation from PDAM		10 Unit				
Major Item	ID No.	Description	Unit	Quantity	Unit Cost	Cost	Remarks
					PF/C	IF/C	L/C
		New Installation from PDAM	unit	10	0	0	500,000
Total for	10 Unit					0	5,000,000
Unit Cost for	1 Unit					0	500,000

Table 4.2.9 (21/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-16		Urinoir		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-11	Mason	day	11.43	0	0	39,000	0	0	445,770	
	L-2-23	Common Labour	day	11.43	0	0	35,100	0	0	401,193	
Material	M-C-2	Urinoir	pieces	10	0	0	317,000	0	0	3,170,000	
		White Portland Cement	kg	5	0	200	800	0	1000	4000	
Others		Miscellaneous	L.S.					0	0	37	
Total for				10 pieces				0	1,000	4,021,000	
Unit Cost for				1 pieces				0	100	402,100	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-17		Soap Case		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-11	Mason	day	5.71	0	0	39,000	0	0	222,690	
	L-2-23	Common Labour	day	5.71	0	0	35,100	0	0	200,421	
Material	M-C-2	Soap Case	pieces	10			29,000	0	0	290,000	
		White Portland Cement	kg	2	0	200	800	0	400	1600	
Others		Miscellaneous	L.S.					0	0	89	
Total for				10 pieces				0	400	714,800	
Unit Cost for				1 pieces				0	40	71,480	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-18		Deepwell		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Deepwell	unit	10	0	0	50,000,000	0	0	500,000,000	
Total for				10 unit				0	0	500,000,000	
Unit Cost for				1 unit				0	0	50,000,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-19		PVC Gutter (D = 110 mm)		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-27	Chief of Mason	day	0.2	0	0	58,600	0	0	11,720	
	L-2-11	Mason	day	1.5	0	0	39,000	0	0	58,500	
	L-2-23	Common Labour	day	8.5	0	0	35,100	0	0	298,350	
	L-2-1	Foreman	day	2.5	0	0	48,800	0	0	122,000	
Material	M-G-19	PVC Pipe, Dia. 110mm	bar	1.67	0	16,440	38,360	0	27,455	64,061	
Others		Miscellaneous	L.S.					0	45	69	Round Up
Total for				10 m				0	27,500	554,700	
Unit Cost for				1 m				0	2,750	55,470	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-20		Roof Drain		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Roof Drain	pieces	10	0	0	50,000	0	0	500,000	
Total for				10 pieces				0	0	500,000	
Unit Cost for				1 pieces				0	0	50,000	

Table 4.2.9 (22/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B7-Bq-21		Drainage Ø 300		1 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-24	Light Labour	day	1	0	0	29,300	0	0	29,300	
Material		O-30 Shape Concrete Block	pieces	1	0	5,100	11,900	0	5,100	11,900	
Working Base Cost	CW-2-19	Masonry of Brick Stone/Brickwork, Cement : 4sand, 1Brick thickness	m ²	0.006	0	4,300	105,500	0	25.8	633	
Others		Miscellaneous	L.S.					0	74	67	Round Up
Total for		1 m						0	5,200	41,900	
Unit Cost for		1 m						0	5,200	41,900	

ID No.		Working Name		Calculation Quantity							Remarks
S-B7-Bq-22		Stainless Steel Watertank 2000 lt		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Stainless Steel Watertank 2000 lt	unit	10	0	0	2,000,000	0	0	20000000	
Total for		10 unit						0	0	20,000,000	
Unit Cost for		1 unit						0	0	2,000,000	

Table 4.2.9 (23/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

VIII. DOOR, WINDOW, AND FRAME WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-1		Wood Frame for Ventilation		10 m ³							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	3.3	0	0	48,800	0	0	162,667	
	L-2-26	Chief of Carpenter	day	20	0	0	58,600	0	0	1172000	
	L-2-12	Carpenter	day	200	0	0	39,000	0	0	7800000	
	L-2-23	Common Labour	day	66.7	0	0	35,100	0	0	2340000	
Material	M-E-48	Nails for Wood	kg	2	0	2,400	5,600	0	4,800	11,200	
	M-D-15	Door Frame Wood second class(Camphol)	m ³	11	0	0	1,850,000	0	0	20350000	
Others		Miscellaneous	L.S.					0	0	33	Round Up
Total for				10 m ³				0	4,800	31,835,900	
Unit Cost for				1 m ³				0	480	3,183,590	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-2		Double Plywood Door		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.2	0	0	48,800	0	0	9,760	
	L-2-26	Chief of Carpenter	day	2	0	0	58,600	0	0	117200	
	L-2-12	Carpenter	day	15	0	0	39,000	0	0	585000	
	L-2-23	Common Labour	day	3	0	0	35,100	0	0	105300	
Material	M-D-5	Plywood, 90x210 t=3mm	sheet	10	0	3,400	30,600	0	34,000	306,000	
	M-D-15	Door Frame Wood second class(Camphol)	m ³	0.15	0	0	1,850,000	0	0	277500	
	M-E-48	Nails for Wood	kg	2	0	2,400	5,600	0	4800	11200	
	M-K-37	Glue for Wood	kg	5	0	2,250	5,250	0	11250	26250	
Others		Miscellaneous	L.S.					0	50	90	Round Up
Total for				10 m ²				0	50,100	1,438,300	
Unit Cost for				1 m ²				0	5,010	143,830	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-3		Aluminium Door		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.13	0	0	48,800	0	0	6,344	
	L-2-26	Chief of Carpenter	day	1.3	0	0	58,600	0	0	76180	
	L-2-12	Carpenter	day	13	0	0	39,000	0	0	507000	
	L-2-23	Common Labour	day	3	0	0	35,100	0	0	105300	
Material	M-D-15	Door Frame Wood second class(Camphol)	m ³	0.15	0	0	1,850,000	0	0	277,500	
	M-E-73	Aluminium Sheet t=0.5mm	sheet	6	0	44,100	102,900	0	264,600	617,400	
	M-D-5	Plywood, 90x210 t=3mm	sheet	10	0	3,400	30,600	0	34,000	306,000	
	M-K-37	Glue for Wood	kg	5	0	2,250	5,250	0	11,250	26,250	
	M-E-48	Nails for Wood	kg	2	0	2,400	5,600	0	4,800	11,200	
Others		Miscellaneous	L.S.					0	50	26	Round Up
Total for				10 m ²				0	314,700	1,933,200	
Unit Cost for				1 m ²				0	31,470	193,320	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-4		Aluminium awaking		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-26	Chief of Carpenter	day	2	0	0	58,600	0	0	117,200	
	L-2-12	Carpenter	day	5	0	0	39,000	0	0	195000	
	L-2-23	Common Labour	day	5	0	0	35,100	0	0	175500	
Material		Aluminium Awaking	m	10	0	7,950	18,550	0	79,500	185,500	
Others		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m				0	79,500	673,200	
Unit Cost for				1 m				0	7,950	67,320	

Table 4.2.9 (24/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No		Working Name		Calculation Quantity							Remarks
S-B8-Bq-5		Aluminium Rolling Door		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-26	Chief of Carpenter	day	1	0	0	58,600	0	0	58,600	
	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000	
	L-2-23	Common Labour	day	3	0	0	35,100	0	0	105,300	
Material											
	M-K-57	Aluminium Rolling Door	m2	10	0	26,775	62,475	0	267,750	624,750	
Others											
		Miscellaneous	L.S.					0	50	50	Round Up
Total for				10 m2				0	267,800	905,700	
Unit Cost for				1 m2				0	26,780	90,570	

ID No		Working Name		Calculation Quantity							Remarks
S-B8-Bq-6		Aluminium Door Frame		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-26	Chief of Carpenter	day	2	0	0	58,600	0	0	117,200	
	L-2-12	Carpenter	day	5	0	0	39,000	0	0	195,000	
	L-2-23	Common Labour	day	5	0	0	35,100	0	0	175,500	
Material											
		Aluminium Frame	m	10	0	6,330	14,770	0	63,300	147,700	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m				0	63,300	635,400	
Unit Cost for				1 m				0	6,330	63,540	

ID No		Working Name		Calculation Quantity							Remarks
S-B8-Bq-7		Aluminium Sliding-Window Frame		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-26	Chief of Carpenter	day	1	0	0	58,600	0	0	58,600	
	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000	
	L-2-23	Common Labour	day	3	0	0	35,100	0	0	105,300	
Material											
		Aluminium Sliding-Window Frame	m	10	0	6,330	14,770	0	63,300	147,700	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m				0	63,300	428,600	
Unit Cost for				1 m				0	6,330	42,860	

ID No		Working Name		Calculation Quantity							Remarks
S-B8-Bq-8		Door Keys for Aluminium Door		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000	
Material											
	M-K-45	Aluminium Door Key	pcs	10	0	15,000	35,000	0	150,000	350,000	
Others											
		Tools Miscellaneous	L.S.					0	6000	18680 20	Round Up
Total for				10 pieces				0	156,000	485,700	
Unit Cost for				1 pieces				0	15,600	48,570	

ID No		Working Name		Calculation Quantity							Remarks
S-B8-Bq-9		Espagnolette		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000	
Material											
	M-K-55	Espagnolette	pcs	10	0	10,500	24,500	0	105,000	245,000	
Others											
		Tools Miscellaneous	L.S.					0	4200	14480 20	Round Up
Total for				10 pieces				0	109,200	376,500	
Unit Cost for				1 pieces				0	10,920	37,650	

Table 4.2.9 (25/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks	
S-B8-Bq-10		Door Hings (125 mm)		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000		
Material	M-K-44	Door Hinge (125 mm)	pcs	10	0	1,200	2,800	0	12,000	28,000		
Others		Tools Miscellaneous	L.S.					0 0	1200 0	14500 0	Round Up	
Total for				10 pieces				0	13,200	159,500		
Unit Cost for				1 pieces				0	1,320	15,950		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B8-Bq-11		Windows Hings (75 mm)		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000		
Material	M-K-52	Window Hinge (75 mm)	pcs	10	0	1,200	2,800	0	12,000	28,000		
Others		Tools Miscellaneous	L.S.					0 0	1200 0	14500 0	Round Up	
Total for				10 pieces				0	13,200	159,500		
Unit Cost for				1 pieces				0	1,320	15,950		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B8-Bq-12		Al-Louvre		10 m2								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Direct Cost												
Labour	L-2-29	Chief of Steel Worker	day	3.5	0	0	58,600	0	0	205,100		
	L-2-16	Steel Worker	day	11.8	0	0	39,000	0	0	460,200		
	L-2-23	Common Labour	day	15.3	0	0	35,100	0	0	537,030		
Material		Aluminium awning	m2	13	0	7,470	17,430	0	97,110	226,590	Material loss factor 30%	
Others		Tools	%	5				0	4,856	71,446		
		Miscellaneous	L.S.					0	35	34	Round Up	
Total for				10 m2				0	102,000	1,500,400		
Unit Cost for				1 m2				0	10,200	150,040		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B8-Bq-13		Door Stopper		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000		
Material	M-K-56	Door Stopper	pcs	10	0	12,000	28,000	0	120,000	280,000		
Others		Tools Miscellaneous	L.S.					0 0	4800 0	15880 20	Round Up	
Total for				10 pieces				0	124,800	412,900		
Unit Cost for				1 pieces				0	12,480	41,290		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B8-Bq-14		Door Keys for Wood Door		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000		
Material		Door Keys for Wood Door	pcs	10	0	11,100	25,900	0	111,000	259,000		
Others		Tools Miscellaneous	L.S.					0 0	4440 60	15040 60	Round Up	
Total for				10 pieces				0	115,500	391,100		
Unit Cost for				1 pieces				0	11,550	39,110		

Table 4.2.9 (26/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-15		Door Keys for Toilet Door		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000	
Material	M-K-45	Aluminium Door Key	pes	10	0	15,000	35,000	0	150,000	350,000	
Others		Tools						0	6000	18680	
		Miscellaneous	L.S.					0	0	20	Round Up
Total for				10 pieces				0	156,000	485,700	
Unit Cost for				1 pieces				0	15,600	48,570	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-16		Double Teakwood Door (w/ Louvre)		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost	CW-2-68	Venitian Blind Door/Window Work of Teak Wood	m2	10	0	500	546,200	0	5000	5462000	
Others		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m2				0	5,000	5,462,000	
Unit Cost for				1 m2				0	500	546,200	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-17		Light Concrete for Ventilation		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.01	0	0	48,800	0	0	390	
	L-2-27	Chief of Mason	day	0.01	0	0	58,600	0	0	469	
	L-2-11	Mason	day	0.1	0	0	39,000	0	0	3,120	
	L-2-23	Common Labour	day	0.2	0	0	35,100	0	0	5,616	
Material	M-C-1	Portland Cement	kg	2,472	0	100	400	0	247	989	
	M-B-3	Sand for Mortar (Masonry)	m3	0.005	0	2,250	42,750	0	11	202	
		Light Concrete for Ventilation 20 x20; PC Plus Sand	pieces	10	0	0	1,750	0	0	17,500	
Others		Miscellaneous	L.S.					0	42	14	Round Up
Total for				10 pieces				0	300	28,300	
Unit Cost for				1 pieces				0	30	2,830	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-18		Aluminium Window Frame		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-26	Chief of Carpenter	day	2	0	0	58,600	0	0	117,200	
	L-2-12	Carpenter	day	5	0	0	39,000	0	0	195,000	
	L-2-23	Common Labour	day	5	0	0	35,100	0	0	175,500	
Material		Aluminium Window Frame	m	10	0	4,170	9,730	0	41,700	97,300	
Others		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m				0	41,700	585,000	
Unit Cost for				1 m				0	4,170	58,500	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-19		Door Handle for Aluminium Door		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-16	Steel Worker	day	3	0	0	39,000	0	0	117,000	
Material		Door Handle	pes	10	0	18,000	42,000	0	180,000	420,000	
Others		Tools						0	7200	21480	
		Miscellaneous	L.S.					0	0	20	Round Up
Total for				10 pieces				0	187,200	558,500	
Unit Cost for				1 pieces				0	18,720	55,850	

Table 4.2.9 (27/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-20		Door Hinge (125 mm) / Al.Door		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-16	Steel Worker	day	3	0	0	39,000	0	0	117,000	
Material		Door Hinge (125 mm) for Aluminium Door	pcs	10	0	3,300	7,700	0	33,000	77,000	
Others		Tools Miscellaneous	L.S.					0 0	1320 80	7760 10	Round Up
Total for				10 pieces				0	34,400	201,800	
Unit Cost for				1 pieces				0	3,440	20,180	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-21		Shaft Door (fr Steel Plate)		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Direct Cost											
Labour	L-2-29	Chief of Steel Worker	day	3.5	0	0	58,600	0	0	205,100	
	L-2-16	Steel Worker	day	11.8	0	0	39,000	0	0	460,200	
	L-2-23	Common Labour	day	15.3	0	0	35,100	0	0	537,030	
Material	M-E-55	Steel Baring Plate	kg	306.4	0	1,780	4,152	0	545,260	1,272,274	Material loss factor 30%
Others		Tools	%	5				0	27,263	123,730	Weld Machine, generator
		Miscellaneous	L.S.					0	77	66	Round Up
Total for				10 m2				0	572,600	2,598,400	
Unit Cost for				1 m2				0	57,260	259,840	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-22		Steel Frame for Teakwood Door		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Direct Cost											
Labour	L-2-29	Chief of Steel Worker	day	0.19	0	0	58,600	0	0	11,134	
	L-2-16	Steel Worker	day	0.63	0	0	39,000	0	0	24,570	
	L-2-23	Common Labour	day	0.82	0	0	35,100	0	0	28,782	
Material	M-E-4	Structural Steel(Purchasing),	kg	16.34	5,225	0	275	85,377	0	4,494	Material loss factor 30%
Others		Tools	%	5				4,269	0	3,449	Weld Machine, generator
		Miscellaneous	L.S.					55	0	72	Round Up
Total for				10 m				89,700	0	72,500	
Unit Cost for				1 m				8,970	0	7,250	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-23		Door Handle for Entrance Door		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-16	Steel Worker	day	3	0	0	39,000	0	0	117,000	
Material		Door Handle	pcs	10	0	75,000	175,000	0	750,000	1,750,000	
Others		Tools Miscellaneous	L.S.					0 0	30000 0	74680 20	Round Up
Total for				10 pieces				0	780,000	1,941,700	
Unit Cost for				1 pieces				0	78,000	194,170	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-24		Teakwood Panel		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-74	Panel Door/Window Work, with Teak Wood Framework	m2	10	0	300	455,700	0	3000	4,557,000	
Others		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m2				0	3,000	4,557,000	
Unit Cost for				1 m2				0	300	455,700	

Table 4.2.9 (28/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-25		Aluminium Panel		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.05	0	0	48,800	0	0	2,440	
	L-2-26	Chief of Carpenter	day	0.2	0	0	58,600	0	0	11720	
	L-2-12	Carpenter	day	2	0	0	39,000	0	0	78000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35100	
Material		Aluminium Plat (t=0.6 mm)	m ²	10	0	18,975	44,275	0	189750	442750	
	M-E-53	Screw Nail	pcs	40	0	150	350	0	6000	14000	
Others		Miscellaneous	L.S.					0	50	90	Round Up
Total for				10 m ²				0	195,800	584,100	
Unit Cost for				1 m ²				0	19,580	58,410	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-26		Louvre for Ventilation Door		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost		CW-2-69 Venitian Blind Door/Window Work of Teak Wood	m ²	10	0	500	253,000	0	5000	2530000	
Others		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m ²				0	5,000	2,530,000	
Unit Cost for				1 m ²				0	500	253,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-27		Mirror Stainless Steel Sheet (t=1.2 mm)		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	0.27	0	0	39,000	0	0	10,530	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9477	
Material		Mirror Stainless Steel Sheet (t=1.2 mm)	m ²	10.5	0	0	300,000	0	0	3,150,000	
Others		Tools						0	0	126800.28	
		Miscellaneous	L.S.					0	0	93	Round Up
Total for				10 m ²				0	0	3,296,900	
Unit Cost for				1 m ²				0	0	329,690	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-28		Aluminium Rolling Shutter (Motorize)		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000	
Material		Aluminium Rolling Shutter (Motorize)	pcs	10	0	150,000	350,000	0	1,500,000	3,500,000	
Others		Tools						0	60000	144680	
		Miscellaneous	L.S.					0	0	20	Round Up
Total for				10 m ²				0	1,560,000	3,761,700	
Unit Cost for				1 m ²				0	156,000	376,170	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-29		Door Closer		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	3	0	0	39,000	0	0	117,000	
Material		Door Closer	pcs	10	0	45,000	105,000	0	450,000	1,050,000	
Others		Tools						0	18000	46680	
		Miscellaneous	L.S.					0	0	20	Round Up
Total for				10 pieces				0	468,000	1,213,700	
Unit Cost for				1 pieces				0	46,800	121,370	

Table 4.2.9 (29/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-30		Steel Frame		100 kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58,600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39,000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35,100	0	0	228,150	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	130	5,225	0	275	679,250	0	35,750	Material loss factor 30%
Others		Tools	%	5				33,963	0	27,340	Weld Machine, generator
		Miscellaneous	L.S.					88	0	60	Round Up
Total for				100 kg				713,300	0	574,200	
Unit Cost for				1 kg				7,133	0	5,742	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-31		Steel Plate 0.5 mm		100 kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58,600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39,000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35,100	0	0	228,150	
Material	M-E-55	Steel Baring Plate	kg	130	0	1,780	4,152	0	231,344	539,803	Material loss factor 15%
Others		Tools	%	5				0	11,567	52,543	Weld Machine, generator
		Miscellaneous	L.S.					0	89	4	Round Up
Total for				100 kg				0	243,000	1,103,400	
Unit Cost for				1 kg				0	2,430	11,034	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-32		Steel Door Frame		100 kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58,600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39,000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35,100	0	0	228,150	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	130	5,225	0	275	679,250	0	35,750	Material loss factor 30%
Others		Tools	%	5				33,963	0	27,340	Weld Machine, generator
		Miscellaneous	L.S.					88	0	60	Round Up
Total for				100 kg				713,300	0	574,200	
Unit Cost for				1 kg				7,133	0	5,742	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-33		Door Keys for Steel Door		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-16	Steel Worker	day	2.14	0	0	39,000	0	0	83,571	
Material	M-K-45	Aluminium Door Key	pcs	10	0	15,000	35,000	0	150,000	350,000	
Others		Tools						0	6000	17342.85714	
		Miscellaneous	L.S.					0	0	86	Round Up
Total for				10 pieces				0	156,000	451,000	
Unit Cost for				1 pieces				0	15,600	45,100	

Table 4.2.9 (30/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

IX. PAINTING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-1		Wall Painting		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.025	0	0	48800	0	0	1,220	
	L-2-30	Chief of Painter	day	0.075	0	0	58600	0	0	4395	
	L-2-20	Painter	day	0.75	0	0	39000	0	0	29250	
	L-2-23	Common Labour	day	0.5	0	0	35100	0	0	17550	
Material	M-K-30	Wall Paint	kg	2.5	0	3750	8750	0	9,375	21,875	
	M-K-32	Putty for Masonry Wall	kg	1.5	0	2250	5250	0	3375	7875	
	M-K-42	Sand Paper	sheet	2	0	750	1750	0	1500	3500	
Others		Miscellaneous	L.S.					0	50	35	
Total for		10 m ²						0	14,300	85,700	
Unit Cost for		1 m ²						0	1,430	8,570	

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-2		Wood Painting		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.025	0	0	48800	0	0	1,220	
	L-2-30	Chief of Painter	day	0.075	0	0	58600	0	0	4395	
	L-2-20	Painter	day	0.75	0	0	39000	0	0	29250	
	L-2-23	Common Labour	day	0.5	0	0	35100	0	0	17550	
Material	M-K-43	Red Lead	kg	1.25	0	2700	6300	0	3,375	7,875	
	M-K-34	Glaziers Putty for Wood	kg	0.8	0	3300	7700	0	2640	6160	
	M-K-33	Paint for Wood	kg	4.25	0	7650	17850	0	32512.5	75862.5	
	M-K-39	Paint Oil	ltr	0.75	0	1200	2800	0	900	2100	
	M-K-42	Sand Paper	sheet	2	0	750	1750	0	1500	3500	
Others		Miscellaneous	L.S.					0	73	88	
Total for		10 m ²						0	41,000	148,000	
Unit Cost for		1 m ²						0	4,100	14,800	

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-3		Ceiling Painting		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.025	0	0	48800	0	0	1,220	
	L-2-30	Chief of Painter	day	0.075	0	0	58600	0	0	4395	
	L-2-20	Painter	day	0.75	0	0	39000	0	0	29250	
	L-2-23	Common Labour	day	0.5	0	0	35100	0	0	17550	
Material	M-K-30	Wall Paint	kg	2.5	0	3750	8750	0	9,375	21,875	
	M-K-32	Putty for Masonry Wall	kg	1.5	0	2250	5250	0	3375	7875	
	M-K-42	Sand Paper	sheet	2	0	750	1750	0	1500	3500	
Others		Tools	L.S.	1				0	142.5	856.65	Roller, Stutwerk
		Miscellaneous	L.S.					0	8	78	Round Up
Total for		10 m ²						0	14,400	86,600	
Unit Cost for		1 m ²						0	1,440	8,660	

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-4		Steel Painting		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-88	Two Times Shiny Painting	m ²	10	0	1740	9060	0	17400	90600	
Total for		10 m ²						0	17,400	90,600	
Unit Cost for		1 m ²						0	1,740	9,060	

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-5		Wood Protection Painting		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.05	0	0	48800	0	0	2,440	
	L-2-23	Common Labour	day	1	0	0	35100	0	0	35100	
Material		Wood Protection Paint	kg	3.5	0	195	455	0	683	1,593	
Others		Miscellaneous	L.S.					0	18	68	Round Up
Total for		10 m ²						0	700	39,200	
Unit Cost for		1 m ²						0	70	3,920	

Table 4.2.9 (31/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-6		Steel Protection Painting		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.1	0	0	48800	0	0	4,880	
	L-2-23	Common Labour	day	2	0	0	35100	0	0	70200	
Material		Wood Protection Paint	kg	4	0	195	455	0	780	1,820	
Others		Miscellaneous	L.S.					0	20	0	Round Up
Total for				10 m				0	800	76,900	
Unit Cost for				1 m				0	80	7,690	

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-7		Float Glass H = 100 mm, Rayband (For Wall base)		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.012	0	0	48800	0	0	586	
	L-2-27	Chief of Mason	day	0.008	0	0	58600	0	0	469	
	L-2-11	Mason	day	0.08	0	0	39000	0	0	3,120	
	L-2-23	Common Labour	day	0.24	0	0	35100	0	0	8,424	
Material	M-K-54	Glass of 10 mm thick (Rayband, for wall base)	m2	1	0	28800	67200	0	28,800	67,200	
	M-C-2	White Portland Cement	kg	0.15	0	200	800	0	30	120	
	M-C-1	Portland Cement	kg	6	0	100	400	0	600	2,400	
	M-B-3	Sand for Mortar (Masonry)	m3	0.01	0	2250	42750	0	22.5	427.5	
Others		Miscellaneous	L.S.					0	48	54	Round Up
Total for				10 m				0	29,500	82,800	
Unit Cost for				1 m				0	2,950	8,280	

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-8		Float Glass H = 5 mm, (Natural Colour)		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	0.27	0	0	39000	0	0	10,530	
	L-2-23	Common Labour	day	0.27	0	0	35100	0	0	9,477	
Material	M-K-34	Glaziers Putty for Wood	kg	10	0	3300	7700	0	33,000	77,000	
	M-K-53	Glass of 5 mm thick (Natural Colour)	m2	10.5	0	10500	24500	0	110,250	257,250	
Others		Tools Miscellaneous	L.S.					0	5730 20	14170.28 73	Round Up
Total for				10 m2				0	149,000	368,500	
Unit Cost for				1 m2				0	14,900	36,850	

Assumption : Glass loss of 5%.

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-9		Stairs/Steel Protection Painting		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.1	0	0	48800	0	0	4,880	
	L-2-23	Common Labour	day	2	0	0	35100	0	0	70200	
Material	M-C-3	Cut-back Asphalt	kg	4	0	195	455	0	780	1,820	
Others		Miscellaneous	L.S.					0	20	0	Round Up
Total for				10 m2				0	800	76,900	
Unit Cost for				1 m2				0	80	7,690	

Table 4.2.9 (32/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-10		Float Glass H = 8 mm, (Natural Colour)		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	0.27	0	0	39000	0	0	10,530	
	L-2-23	Common Labour	day	0.27	0	0	35100	0	0	9477	
Material	M-K-34	Glaziers Putty for Wood Glass of 8 mm thick (Natural Colour)	kg	10	0	3300	7700	0	33,000	77,000	
			m2	10.5	0	22500	52500	0	236,250	551,250	
Others		Tools Miscellaneous	L.S.					0	10770	25930.28	Round Up
								0	80	13	
Total for				10 m2				0	280,100	674,200	
Unit Cost for				1 m2				0	28,010	67,420	

Assumption : Glass loss of 5%.

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-11		Mirror for Lavatory 5 mm		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	0.27	0	0	39000	0	0	10,530	
	L-2-23	Common Labour	day	0.27	0	0	35100	0	0	9477	
Material		Mirror of 5 mm thick	m2	10.5	0	22917	53472	0	240,625	561,458	
Others		Tools Miscellaneous	L.S.					0	9625	23258.61333	Round Up
								0	50	76	
Total for				10 m2				0	250,300	604,800	
Unit Cost for				1 m2				0	25,030	60,480	

Assumption : Glass loss of 5%.

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-12		Etching Glass 5 mm		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-12	Carpenter	day	0.27	0	0	39000	0	0	10,530	
	L-2-23	Common Labour	day	0.27	0	0	35100	0	0	9477	
Material	M-K-34	Glaziers Putty for Wood Glass of 5 mm thick (Natural Colour)	kg	10	0	3300	7700	0	33,000	77,000	
			m2	10.5	0	10500	24500	0	110,250	257,250	
Others		Tools Miscellaneous	L.S.					0	5730	14170.28	Round Up
								0	20	73	
Total for				10 m2				0	149,000	368,500	
Unit Cost for				1 m2				0	14,900	36,850	

Assumption : Glass loss of 5%.

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-13		Wood Protection Painting		1 L.S							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Wood Protection Painting	L.S.	1	0	0	300000	0	0	300000	
Total for				1 L.S				0	0	300,000	
Unit Cost for				1 L.S				0	0	300,000	

ID No.		Working Name		Calculation Quantity							Remarks
S-B9-Bq-14		Wood Protection Painting		1 L.S							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Wood Protection Painting	L.S.	1	0	0	180000	0	0	180000	
Total for				1 L.S				0	0	180,000	
Unit Cost for				1 L.S				0	0	180,000	

Table 4.2.9 (33/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B9-Bq-15		Wood polytur		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-90	Simple Polishing Work per 1m ²	m ²	10	0	200	20800	0	2000	208000	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m ²				0	2,000	208,000	
Unit Cost for				1 m ²				0	200	20,800	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B9-Bq-16		Sandblasting Glass // Lobby		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-12	Carpenter	day	0.27	0	0	39000	0	0	10,530	
	L-2-23	Common Labour	day	0.27	0	0	35100	0	0	9477	
Material											
	M-K-34	Glaziers Putty for Wood	kg	10	0	3300	7700	0	33,000	77,000	
		Sandblasting Glass // Lobby	m ²	10.5	0	60000	140000	0	630,000	1,470,000	
Others			Tools					0	26520	62680.28	
			Miscellaneous	L.S.				0	80	13	Round Up
Total for				10 m ²				0	689,600	1,629,700	
Unit Cost for				1 m ²				0	68,960	162,970	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B9-Bq-17		Ceiling Polytur		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.025	0	0	48800	0	0	1,220	
	L-2-30	Chief of Painter	day	0.075	0	0	58600	0	0	4395	
	L-2-20	Painter	day	0.75	0	0	39000	0	0	29250	
	L-2-23	Common Labour	day	0.5	0	0	35100	0	0	17550	
Material											
	M-K-41	Polish	kg	2.5	0	5040	11760	0	12,600	29,400	
	M-K-34	Glaziers Putty for Wood	kg	1.5	0	3300	7700	0	4950	11550	
	M-K-42	Sand Paper	sheet	2	0	750	1750	0	1500	3500	
Others			Tools					0	190.5	968.65	Roller, Statwerk
			Miscellaneous	L.S.	1			0	60	66	Round Up
Total for				10 m ²				0	19,300	97,900	
Unit Cost for				1 m ²				0	1,930	9,790	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B9-Bq-18		Gypsum Cornice Painting		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.0175	0	0	48800	0	0	854	
	L-2-30	Chief of Painter	day	0.0525	0	0	58600	0	0	3076.5	
	L-2-20	Painter	day	0.525	0	0	39000	0	0	20475	
	L-2-23	Common Labour	day	0.35	0	0	35100	0	0	12285	
Material											
	M-K-30	Wall Paint	kg	1.75	0	3750	8750	0	6,563	15,313	
	M-K-42	Sand Paper	sheet	1.4	0	750	1750	0	1050	2450	
Others			Miscellaneous	L.S.				0	88	47	Round Up
Total for				10 m				0	7,700	54,500	
Unit Cost for				1 m				0	770	5,450	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B9-Bq-19		Float Glass 5 mm (Cloudy Glass)		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-12	Carpenter	day	0.27	0	0	39000	0	0	10,530	
	L-2-23	Common Labour	day	0.27	0	0	35100	0	0	9477	
Material											
	M-K-34	Glaziers Putty for Wood	kg	10	0	3300	7700	0	33,000	77,000	
		Glass of 5 mm thick (Cloudy Glass)	m ²	10.5	0	15000	35000	0	157,500	367,500	Material Loss Factor 5%
Others			Tools					0	7620	18580.28	
			Miscellaneous	L.S.				0	80	13	Round Up
Total for				10 m ²				0	198,200	483,100	
Unit Cost for				1 m ²				0	19,820	48,310	

Table 4.2.9 (34/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

X. INTERIOR FINISHING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B10-Bq-1		Fiber Cement Ceiling, 1200 x 1200 mm x 6 mm + Ceiling Frame		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.8	0	0	58,600	0	0	46,880	
	L-2-12	Carpenter	day	8	0	0	39,000	0	0	312,000	
	L-2-23	Common Labour	day	2.8	0	0	35,100	0	0	98,280	
Material											
	M-D-20	Timbering for roof	m ³	0.28	0	0	1,200,000	0	0	336,000	
	M-E-54	Nail for Lath	kg	2.5	0	1,650	3,850	0	4,125	9,625	
	M-C-59	Fiber Cement for Ceiling, 1200 x 1200 mm x 6 mm	m ²	10	0	1,800	1,200	0	18,000	42,000	
Others											
		Miscellaneous	L.S.					0	75	83 Round Up	
Total for				10 m ²				0	22,200	851,700	
Unit Cost for				1 m ²				0	2,220	85,170	

ID No.		Working Name		Calculation Quantity							Remarks
S-B10-Bq-2		Wood Cornice		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.010	0	0	48,800	0	0	478	
	L-2-26	Chief of Carpenter	day	0.06	0	0	58,600	0	0	3,281.6	
	L-2-12	Carpenter	day	0.56	0	0	39,000	0	0	21,840	
	L-2-23	Common Labour	day	0.20	0	0	35,100	0	0	6,879.6	
Material											
	M-D-26	Wood Cornice	m	10	0	0	1,500	0	0	15,000	
	M-E-54	Nail for Lath	kg	0.14	0	1,650	3,850	0	231	539	
Others											
		Miscellaneous	L.S.					0	69	82 Round Up	
Total for				10 m				0	300	48,100	
Unit Cost for				1 m				0	30	4,810	

ID No.		Working Name		Calculation Quantity							Remarks
S-B10-Bq-3		Stainless Steel Hand Rail		25.94 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-29	Chief of Steel Worker	day	2.16	0	0	58,600	0	0	126,576	
	L-2-16	Steel Worker	day	7.21	0	0	39,000	0	0	281,190	
	L-2-23	Common Labour	day	9.37	0	0	35,100	0	0	328,887	
Material											
		Stainless Steel Pipe, Dia. 50.8 mm	kg	187.5	19,000	0	1,000	3,562,500	0	187,500	Material loss factor 30%
Others											
		Tools	%	5				178,125	0	46,208	Weld Machine, generator and etc.
		Miscellaneous	L.S.					75	0	39 Round Up	
Total for				25.94 m				3,740,700	0	970,400	
Unit Cost for				1 m				144,220	0	37,413	

ID No.		Working Name		Calculation Quantity							Remarks
S-B10-Bq-4		Stainless Steel Railing		19.79 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-29	Chief of Steel Worker	day	4.13	0	0	58,600	0	0	242,018	
	L-2-16	Steel Worker	day	13.78	0	0	39,000	0	0	537,420	
	L-2-23	Common Labour	day	17.91	0	0	35,100	0	0	628,641	
Material											
		Stainless Steel Pipe, Dia. 50.8 mm	kg	167.6	19,000	0	1,000	3,185,340	0	167,649	Material loss factor 30%
		Stainless Steel Pipe, Dia. 25.4 mm	kg	99.6	19,000	0	1,000	1,892,641	0	99,613	
		Stainless Steel Pipe, Dia. 38.1 mm	kg	91.0	19,000	0	1,000	1,729,397	0	91,021	
Others											
		Tools	%	5				340,369	0	88,318	Weld Machine, generator and etc.
		Miscellaneous	L.S.					54	0	20 Round Up	
Total for				19.79 m				7,147,800	0	1,854,700	
Unit Cost for				1 m				361,152	0	93,711	

Table 4.2.9 (35/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-5		Waterproof Gypsum Board 10 mm + Wood Frame		10.0 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.8	0	0	58,600	0	0	46,880	
	L-2-12	Carpenter	day	8	0	0	39,000	0	0	312,000	
	L-2-23	Common Labour	day	2.8	0	0	35,100	0	0	98,280	
Material											
	M-D-20	Timbering for roof	m ³	0.3	0	0	1,200,000	0	0	336,000	
	M-E-54	Nail for Lath	kg	2.5	0	1,650	3,850	0	4,125	9,625	
		Waterproof Gypsum Board 10 mm, 1200 mm x 2400 mm	m ²	10.0	0	0	19,500	0	0	195,000	
Others											
		Miscellaneous	L.S.					0	75	83	Round Up
Total for				10 m ²				0	4,200	1,004,700	
Unit Cost for				1 m ²				0	420	100,470	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-6		Gypsum Cornice for Ceiling		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.010	0	0	48,800	0	0	478	
	L-2-26	Chief of Carpenter	day	0.06	0	0	58,600	0	0	3281.6	
	L-2-12	Carpenter	day	0.56	0	0	39,000	0	0	21840	
	L-2-23	Common Labour	day	0.20	0	0	35,100	0	0	6879.6	
Material											
	M-E-54	Gypsum Cornice	m	10	0	0	12,500	0	0	125,000	
		Nail for Lath	kg	0.14	0	1,650	3,850	0	231	539	
Others											
		Miscellaneous	L.S.					0	69	82	Round Up
Total for				10 m				0	300	158,100	
Unit Cost for				1 m				0	30	15,810	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-7		Lumbersering Skirting for Wall Base		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.80	0	0	58,600	0	0	46,880	
	L-2-12	Carpenter	day	8.00	0	0	39,000	0	0	312,000	
	L-2-23	Common Labour	day	2.80	0	0	35,100	0	0	98,280	
Material											
	M-E-48	Nails for Wood	kg	2.0	0	2,400	5,600	0	4,800	11,200	
	M-D-4	Timber	m ³	0.12	0	0	850,000	0	0	102,000	
Others											
		Miscellaneous	L.S.					0	0	8	Round Up
Total for				10 m ²				0	4,800	577,200	
Unit Cost for				1 m ²				0	480	57,720	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-8		Lumbersering Skirting for Ceiling		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.80	0	0	58,600	0	0	46,880	
	L-2-12	Carpenter	day	8.00	0	0	39,000	0	0	312,000	
	L-2-23	Common Labour	day	2.80	0	0	35,100	0	0	98,280	
Material											
	M-E-54	Nail for Lath	kg	2.0	0	1,650	3,850	0	3,300	7,700	
	M-D-24	Ceiling Wood	m ³	0.12	0	0	750,000	0	0	90,000	
Others											
		Miscellaneous	L.S.					0	0	8	Round Up
Total for				10 m ²				0	3,300	561,700	
Unit Cost for				1 m ²				0	330	56,170	

Table 4.2.9 (36/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-9		Wood Cornice for Lumbersewing Ceiling		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.010	0	0	48,800	0	0	478	
	L-2-26	Chief of Carpenter	day	0.06	0	0	58,600	0	0	3281.6	
	L-2-12	Carpenter	day	0.56	0	0	39,000	0	0	21840	
	L-2-23	Common Labour	day	0.20	0	0	35,100	0	0	6879.6	
Material	M-D-26	Wood Cornice	m	10	0	0	1,500	0	0	15,000	
	M-E-54	Nail for Lath	kg	0.14	0	1,650	3,850	0	231	539	
Others		Miscellaneous	L.S.					0	69	82	Round Up
Total for				10 m				0	300	48,100	
Unit Cost for				1 m				0	30	4,810	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-10		Stainless Steel Railing + 10 mm Float Glass		19.79 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	4.13	0	0	58,600	0	0	242,018	
	L-2-16	Steel Worker	day	13.95	0	0	39,000	0	0	543,925	
	L-2-23	Common Labour	day	18.08	0	0	35,100	0	0	634,496	
Material		Stainless Steel Pipe, Dia. 50.8 mm	kg	167.6	19,000	0	1,000	3,185,340	0	167,649	Material loss factor 30%
		Stainless Steel Pipe, Dia. 25.4 mm	kg	99.6	19,000	0	1,000	1,892,641	0	99,613	
		Stainless Steel Pipe, Dia. 38.1 mm	kg	91.0	19,000	0	1,000	1,729,397	0	91,021	
	M-K-54	Glass of 10 mm thick (Rayband, for wall base)	m ²	6.18	0	28,800	67,200	0	177,926	415,160	Material loss factor 5%
Others		Tools	%	5				340,369	8,896	109,694	Weld Machine, generator and etc.
		Miscellaneous	L.S.					54	78	23	Round Up
Total for				19.79 m				7,147,800	186,900	2,303,600	
Unit Cost for				1 m				361,152	9,443	116,392	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-11		Wood Profile for Lumbersewing Skirting		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.008	0	0	48,800	0	0	376	
	L-2-26	Chief of Carpenter	day	0.04	0	0	58,600	0	0	2,578	
	L-2-12	Carpenter	day	0.44	0	0	39,000	0	0	17,160	
	L-2-23	Common Labour	day	0.15	0	0	35,100	0	0	5,405	
Material	M-D-4	Timber	m ³	0.011	0	0	850,000	0	0	9,180	
	M-E-48	Nails for Wood	kg	0.11	0	2,400	5,600	0	264	616	
Others		Miscellaneous	L.S.					0	36	84	Round Up
Total for				10 m				0	300	35,400	
Unit Cost for				1 m				0	30	3,540	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-12		Aluminium Border for Urinoir		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.13	0	0	48,800	0	0	6,344	
	L-2-26	Chief of Carpenter	day	1.3	0	0	58,600	0	0	76180	
	L-2-12	Carpenter	day	13	0	0	39,000	0	0	507000	
	L-2-23	Common Labour	day	3	0	0	35,100	0	0	105300	
Material	M-D-20	Timbering for roof	m ³	0.15	0	0	1,200,000	0	0	180,000	
	M-E-73	Aluminium Sheet (t=0.5mm)	sheet	6	0	44,100	102,900	0	264,600	617,400	
	M-E-48	Nails for Wood	kg	2	0	2,400	5,600	0	4800	11200	
Others		Miscellaneous	L.S.					0	0	76	Round Up
Total for				10 m ²				0	269,400	1,503,500	
Unit Cost for				1 m ²				0	26,940	150,350	

Table 4.2.9 (37/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-13		Ventilation Hole 200 x 200		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
Others	S-B8-Bq-1	Wood Frame for Ventilation	m3	0.03672	0	480	3,183,590	0	18	116,901	
		Miscellaneous	L.S.					0	82	99	Round Up
Total for		10 pieces						0	100	117,000	
Unit Cost for		1 pieces						0	10	11,700	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-14		Ventilation Hole D = 1000 + Steel Frame		1 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Direct Cost											
Labour											
	L-2-29	Chief of Steel Worker	day	0.35	0	0	58,600	0	0	20,510	
	L-2-16	Steel Worker	day	1.13	0	0	39,000	0	0	44,070	
	L-2-23	Common Labour	day	1.39	0	0	35,100	0	0	48,789	
Material											
	M-E-7	Steel Plate SS41	kg	17.03	5,225	0	275	88,982	0	4,683	Material loss factor 15%
		Galvanized Steel Pipe, Dia. 25.4 mm	m	2	5,510	0	290	11,020	0	580	Material loss factor 15%
Working Base Cost											
	S-B10-Bq-14.1	Forming Using Multiplex	m2	1.4	0	10,830	63,710	0	14945.4	87919.8	
Others											
		Tools	%	5				5,000	0	5,932	Weld Machine, generator and etc.
		Miscellaneous	L.S.					98	55	16	Round Up
Total for		1 pieces						105,100	15,000	212,500	
Unit Cost for		1 pieces						105,100	15,000	212,500	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-14.1		Forming Using Multiplex		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.5	0	0	48,800	0	0	24,400	
	L-2-26	Chief of Carpenter	day	1.5	0	0	58,600	0	0	87,900	
	L-2-12	Carpenter	day	1.5	0	0	39,000	0	0	58,500	
	L-2-23	Common Labour	day	2.7	0	0	35,100	0	0	94,770	
Material											
	M-M-2	Multiplex 18mm	sheet	3.47	0	30,000	70,000	0	104,100	242,900	
	M-D-4	Timber	m3	0.14	0	0	850,000	0	0	119,000	
	M-E-54	Nail for Lath	kg	2.5	0	1,650	3,850	0	4,125	9,625	
Others											
		Miscellaneous	L.S.					0	75	5	Round Up
Total for		10 m2						0	108,300	637,100	
Unit Cost for		1 m2						0	10,830	63,710	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-15		Gypsumboard Panel		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.8	0	0	58,600	0	0	46,880	
	L-2-12	Carpenter	day	8	0	0	39,000	0	0	312,000	
	L-2-23	Common Labour	day	2.8	0	0	35,100	0	0	98,280	
Material											
	M-D-20	Timbering for roof	m3	0.3	0	0	1,200,000	0	0	336,000	
	M-E-54	Nail for Lath	kg	2.5	0	1,650	3,850	0	4,125	9,625	
		Gypsum Board 9 mm, 1200 mm x 2400 mm	m2	10	0	0	9,020	0	0	90,200	
Others											
		Miscellaneous	L.S.					0	75	83	Round Up
Total for		10 m2						0	4,200	899,900	
Unit Cost for		1 m2						0	420	89,990	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-16		Access Floor		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Access Floor	m2	10	0	0	610,000	0	0	6100000	
Total for		10 m2						0	0	6,100,000	
Unit Cost for		1 m2						0	0	610,000	

Table 4.2.9 (38/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B10-Bq-17		Aluminium Spandrel for Ceiling		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.8	0	0	58,600	0	0	46880	
	L-2-12	Carpenter	day	8	0	0	39,000	0	0	312000	
	L-2-23	Common Labour	day	2.8	0	0	35,100	0	0	98280	
Material	M-D-20	Timbering for roof	m ³	0.28	0	0	1,200,000	0	0	336,000	
	M-E-49	Nails for Iron(Steel) Sheet	kg	2.5	0	3,000	7,000	0	7500	17500	
		Aluminium Plat t=0.6mm	m ²	10	0	0	63,250	0	0	632500	
Others		Miscellaneous	L.S.					0	0	8	Round Up
Total for				10 m ²				0	7,500	1,450,000	
Unit Cost for				1 m ²				0	750	145,000	

ID No.		Working Name		Calculation Quantity							Remarks
S-B10-Bq-18		Aluminium Frame for Partition		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-26	Chief of Carpenter	day	2	0	0	58,600	0	0	117,200	
	L-2-12	Carpenter	day	5	0	0	39,000	0	0	195000	
	L-2-23	Common Labour	day	5	0	0	35,100	0	0	175500	
Material		Aluminium Frame	m	10	0	4,170	9,730	0	41,700	97,300	
Others		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m				0	41,700	585,000	
Unit Cost for				1 m				0	4,170	58,500	

ID No.		Working Name		Calculation Quantity							Remarks
S-B10-Bq-19		Ventilation Hole D = 600 + Steel Frame		1 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	0.21	0	0	58,600	0	0	12,306	
	L-2-16	Steel Worker	day	0.68	0	0	39,000	0	0	26,520	
	L-2-23	Common Labour	day	0.83	0	0	35,100	0	0	29,133	
Material	M-E-7	Steel Plate SS41	kg	10.21	5,225	0	275	53,347	0	2,808	Material loss factor 15%
		Galvanized Steel Pipe, Dia. 25.4 mm	m	1.2	5,510	0	290	6,612	0	348	Material loss factor 15%
Working Base Cost											
	S-B10-Bq-14.1	Forming Using Multiplex	m ²	0.8	0	10,830	63,710	0	8978.07	52815.59	
Others		Tools	%	5				2,998	0	3,556	Weld Machine, generator and etc.
		Miscellaneous	L.S.					43	22	14	Round Up
Total for				1 pieces				63,000	9,000	127,500	
Unit Cost for				1 pieces				63,000	9,000	127,500	

Table 4.2.9 (39/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.	Working Name		Calculation Quantity			Remarks					
S-B10-Bq-20	Ventilation Hole for garage		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	S-B8-Bq-1	Wood Frame for Ventilation	m3	0.04752	0	480	3,183,590	0	23	151,284	
Others		Miscellaneous	L.S.					0	77	16	Round Up
Total for				10 pieces				0	100	151,300	
Unit Cost for				1 pieces				0	10	15,130	

ID No.	Working Name		Calculation Quantity			Remarks					
S-B10-Bq-21	Waterproof Gypsum Board 12 mm + Wood Frame		10 m2								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-1	Foreman	day	0.14	0	0	48,800	0	0	6,832	
	L-2-26	Chief of Carpenter	day	0.8	0	0	58,600	0	0	46,880	
	L-2-12	Carpenter	day	8	0	0	39,000	0	0	312,000	
	L-2-23	Common Labour	day	2.8	0	0	35,100	0	0	98,280	
Material											
	M-D-20	Timbering for roof	m3	0.3	0	0	1,200,000	0	0	336,000	
	M-E-54	Nail for Lath	kg	2.5	0	1,650	3,850	0	4,125	9,625	
		Waterproof Gypsum Board 12 mm, 1200 mm x 2400 mm	m2	10	0	0	22,610	0	0	226,100	
Others		Miscellaneous	L.S.					0	75	83	Round Up
Total for				10 m2				0	4,200	1,035,800	
Unit Cost for				1 m2				0	420	103,580	

Table 4.2.9 (40/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

XI. ELECTRICAL WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-1		Installation and Lighting 40W-1 FL		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material		Lighting 40W-1 FL	pieces	10.00	0	0	125,000	0	0	1,250,000	
	Others	Miscellaneous	L.S.					0	0	63	Round Up
Total for				10 pieces				0	0	1,280,600	
Unit Cost for				1 pieces				0	0	128,060	

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-2		Installation and Lighting 40W-2 FL		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material		Lighting 40W-2 FL	pieces	10.00	0	0	230,000	0	0	2,300,000	
	Others	Miscellaneous	L.S.					0	0	63	Round Up
Total for				10 pieces				0	0	2,330,600	
Unit Cost for				1 pieces				0	0	233,060	

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-3		Installation and Lighting 20W-1 FL		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material		Lighting 20W-1 FL	pieces	10.00	0	0	105,000	0	0	1,050,000	
	Others	Miscellaneous	L.S.					0	0	63	Round Up
Total for				10 pieces				0	0	1,080,600	
Unit Cost for				1 pieces				0	0	108,060	

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-4		Installation and Lighting 15W-2 FL		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material		Lighting 15W-2 FL	pieces	10.00	0	0	182,500	0	0	1,825,000	
	Others	Miscellaneous	L.S.					0	0	63	Round Up
Total for				10 pieces				0	0	1,855,600	
Unit Cost for				1 pieces				0	0	185,560	

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-5		Installation and Lighting 15W-1 FL		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material		Lighting 15W-1FL	pieces	10.00	0	0	100,000	0	0	1,000,000	
	Others	Miscellaneous	L.S.					0	0	63	Round Up
Total for				10 pieces				0	0	1,030,600	
Unit Cost for				1 pieces				0	0	103,060	

Table 4.2,9 (41/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-6		Air Condition Installation (2 PK)		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	5.7	0	0	39,000	0	0	222,300	
	L-2-23	Common Labour	day	5.7	0	0	35,100	0	0	200,070	
Material		Air Condition 2 PK	pieces	10.00	0	0	6,270,000	0	0	62,700,000	
	Others	Miscellaneous	L.S.					0	0	30	Round Up
Total for				10 pieces				0	0	63,122,400	
Unit Cost for				1 pieces				0	0	6,312,240	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-7		Fuse		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material		Fuse	pieces	10.00	0	0	15,000	0	0	150,000	
	Others	Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 pieces				0	0	263,100	
Unit Cost for				1 pieces				0	0	26,310	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-8		Lighting Switch (Single)		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.13	0	0	35,100	0	0	4,563	
Material		Lighting Switch (Single)	pieces	10.00	0	0	9,000	0	0	90,000	
	Others	Miscellaneous	L.S.					0	0	87	Round Up
Total for				10 pieces				0	0	104,400	
Unit Cost for				1 pieces				0	0	10,440	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-9		Lighting Switch (Double)		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.13	0	0	35,100	0	0	4,563	
Material		Lighting Switch (Double)	pieces	10.00	0	0	9,000	0	0	90,000	
	Others	Miscellaneous	L.S.					0	0	87	Round Up
Total for				10 pieces				0	0	104,400	
Unit Cost for				1 pieces				0	0	10,440	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-10		Outlet Socket Switch		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.13	0	0	35,100	0	0	4,563	
Material		Outlet Socket Switch	pieces	10.00	0	0	10,000	0	0	100,000	
	Others	Miscellaneous	L.S.					0	0	87	Round Up
Total for				10 pieces				0	0	114,400	
Unit Cost for				1 pieces				0	0	11,440	

Table 4.2.9 (42/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-11		Outlet Socket Installation		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.43	0	0	39,000	0	0	16,770	
	L-2-23	Common Labour	day	0.21	0	0	35,100	0	0	7,371	
Material		Outlet Socket	pieces	10.00	0	0	30,000	0	0	300,000	
	Others	Miscellaneous	L.S.					0	0	59	Round Up
Total for				10 pieces				0	0	324,200	
Unit Cost for				1 pieces				0	0	32,420	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-12		Lightning Protector		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Lightning Protector	pieces	10	0	0	750,000	0	0	7,500,000	
Total for				10 pieces				0	0	7,500,000	
Unit Cost for				1 pieces				0	0	750,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-13		Outlet Socket and Installation for AC		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.43	0	0	39,000	0	0	16,770	
	L-2-23	Common Labour	day	0.21	0	0	35,100	0	0	7,371	
Material		Outlet Socket and Installation for AC	pieces	10.00	0	0	75,000	0	0	750,000	
	Others	Miscellaneous	L.S.					0	0	59	Round Up
Total for				10 pieces				0	0	774,200	
Unit Cost for				1 pieces				0	0	77,420	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-14		Fuse Box		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material		Fuse Box	pieces	10.00	0	0	20,000	0	0	200,000	
	Others	Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 pieces				0	0	313,100	
Unit Cost for				1 pieces				0	0	31,310	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-15		New Installation from PLN for 3500 VA		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		New Installation from PLN for 3500 VA	pieces	10	0	0	1,300,000	0	0	13,000,000	
Total for				10 pieces				0	0	13,000,000	
Unit Cost for				1 pieces				0	0	1,300,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-16		Water Pump		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Water Pump	pieces	10	0	0	600,000	0	0	6,000,000	
Total for				10 pieces				0	0	6,000,000	
Unit Cost for				1 pieces				0	0	600,000	

Table 4.2.9 (43/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B11-Bq-17		Extinguisher		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Extinguisher	pieces	10	0	0	1,500,000	0	0	15,000,000	
Total for				10 pieces				0	0	15,000,000	
Unit Cost for				1 pieces				0	0	1,500,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B11-Bq-18		New Installation from PLN for 450 VA		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		New Installation from PLN for 450 VA	pieces	10	0	0	108,000	0	0	1,080,000	
Total for				10 pieces				0	0	1,080,000	
Unit Cost for				1 pieces				0	0	108,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B11-Bq-19		New Installation from PLN for 2200 VA		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		New Installation from PLN for 2200 VA	pieces	10	0	0	528,000	0	0	5,280,000	
Total for				10 pieces				0	0	5,280,000	
Unit Cost for				1 pieces				0	0	528,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B11-Bq-20		Wall Lighting Switch		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.13	0	0	35,100	0	0	4,563	
Material		Wall Lighting Switch	pieces	10.00	0	0	50,000	0	0	500,000	
Others		Miscellaneous	L.S.					0	0	87	Round Up
Total for				10 pieces				0	0	514,400	
Unit Cost for				1 pieces				0	0	51,440	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B11-Bq-21		General Lighting Installation		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material		General Lighting Installation	pieces	10.00	0	0	50,000	0	0	500,000	
Others		Miscellaneous	L.S.					0	0	63	Round Up
Total for				10 pieces				0	0	530,600	
Unit Cost for				1 pieces				0	0	53,060	

Table 4.2.9 (44/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks		
S-B11-Bq-22		General Lighting 36W-2 + Pole		10 pieces									
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks		
					PF/C	IF/C	L/C	PF/C	IF/C	L/C			
Labour													
	L-2-4	Electrician	day	0.3	0	0	39,000	0	0	11,700			
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100			
	L-2-29	Chief of Steel Worker	day	3.3	0	0	58,600	0	0	193,380			
	L-2-16	Steel Worker	day	14.7	0	0	39,000	0	0	573,300			
	L-2-23	Common Labour	day	17.2	0	0	35,100	0	0	603,720			
Material													
	M-E-27	General Lighting 36W-2 Galvanized Steel Pipe, Dia. 50mm	m	10			100,000	0	0	1,000,000			
				75.4	14,250	0	750	1,074,450	0	56,550	Material loss factor 15%		
	M-E-74	Steel/Reinforcing Bar Dia.12 mm	kg	13.89	0	1,050	2,450	0	14,585	34,031	Material loss factor 15%		
Working Base Cost													
Others													
		Tools	%	5				53,723	729	125,389			
		Miscellaneous	L.S.					28	86	30	Round Up		
Total for								10 pieces					
Unit Cost for								1 pieces					
									1,128,200	15,400	2,633,200		
											112,820	1,540	263,320

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-23		New Installation from PLN for 1300 VA		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		New Installation from PLN for 1300 VA	pieces	10	0	0	528,000	0	0	5,280,000	
Total for								10 pieces			
Unit Cost for								1 pieces			
									0	0	5,280,000
									0	0	528,000

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-24		Installation and Lighting 10W-1 FL		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material											
		Lighting 10W-1 FL	pieces	10.00	0	0	67,500	0	0	675,000	
Others											
		Miscellaneous	L.S.					0	0	63	Round Up
Total for								10 pieces			
Unit Cost for								1 pieces			
									0	0	705,600
									0	0	70,560

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-25		Installation and Lighting 250W-1 H		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060	
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477	
Material											
		Lighting 250W-2 FL	pieces	10.00	0	0	1,280,000	0	0	12,800,000	
Others											
		Miscellaneous	L.S.					0	0	63	Round Up
Total for								10 pieces			
Unit Cost for								1 pieces			
									0	0	12,830,600
									0	0	1,283,060

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-26		Air Condition (1PK)		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour											
	L-2-4	Electrician	day	5.7	0	0	39,000	0	0	222,300	
	L-2-23	Common Labour	day	5.7	0	0	35,100	0	0	200,070	
Material											
		Air Condition 1 PK	pieces	10.00	0	0	4,015,000	0	0	40,150,000	
Others											
		Miscellaneous	L.S.					0	0	30	Round Up
Total for								10 pieces			
Unit Cost for								1 pieces			
									0	0	40,572,400
									0	0	4,057,240

Table 4.2.9 (45/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-27		New Installation from PLN (8800 VA)		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		New Installation from PLN (8800 VA)	pieces	10	0	0	1,300,000	0	0	13,000,000	
Total for				10 pieces				0	0	13,000,000	
Unit Cost for				1 pieces				0	0	1,300,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-28		Lightning Spit		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Lightning Spit	pieces	10	0	0	75,000	0	0	750,000	
Total for				10 pieces				0	0	750,000	
Unit Cost for				1 pieces				0	0	75,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-29		Ground Cable D = 12 mm		30 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	2.47	0	0	39,000	0	0	96,330	
	L-2-23	Common Labour	day	1.24	0	0	35,100	0	0	43,524	
Material		Grounding Cable D = 12mm	m	30.00	0	0	27,400	0	0	822,000	
Others		Miscellaneous	L.S.					0	0	46	Round Up
Total for				30 m				0	0	961,900	
Unit Cost for				1 m				0	0	32,063	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-30		Lightning Protection Equipment		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Lightning Protection Equipme	pieces	10	0	0	250,000	0	0	2,500,000	
Total for				10 pieces				0	0	2,500,000	
Unit Cost for				1 pieces				0	0	250,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-31		Grounding Box		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Grounding Box	pieces	10	0	0	100,000	0	0	1,000,000	
Total for				10 pieces				0	0	1,000,000	
Unit Cost for				1 pieces				0	0	100,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-32		T-Dos		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		T-Dos	pieces	10	0	0	12,500	0	0	125,000	
Total for				10 pieces				0	0	125,000	
Unit Cost for				1 pieces				0	0	12,500	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-33		Switch		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.13	0	0	35,100	0	0	4,563	
Material		Switch	pieces	10.00	0	0	20,000	0	0	200,000	
Others		Miscellaneous	L.S.					0	0	87	Round Up
Total for				10 pieces				0	0	214,400	
Unit Cost for				1 pieces				0	0	21,440	

Table 4.2.9 (46/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-34		Wall Switch		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.13	0	0	35,100	0	0	4,563	
Material		Wall Switch	pieces	10.00	0	0	90,000	0	0	900,000	
		Miscellaneous	L.S.					0	0	87	Round Up
Total for				10 pieces				0	0	914,400	
Unit Cost for				1 pieces				0	0	91,440	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-35		PVC Pipe D = 1.25		30 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	2.67	0	0	39,000	0	0	104,130	
	L-2-23	Common Labour	day	1.34	0	0	35,100	0	0	47,034	
Material	M-G-1	PVC Pipe, Dia. 250mm	m	5.00	0	58,500	136,500	0	292,500	682,500	
		Miscellaneous	L.S.					0	0	36	Round Up
Total for				30 m				0	292,500	833,700	
Unit Cost for				1 m				0	9,750	27,790	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-36		Main Panel		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Main Panel	pieces	10	0	0	500,000	0	0	5,000,000	
Total for				10 pieces				0	0	5,000,000	
Unit Cost for				1 pieces				0	0	500,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-37		Distribution Panel		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Distribution Panel	pieces	10	0	0	300,000	0	0	3,000,000	
Total for				10 pieces				0	0	3,000,000	
Unit Cost for				1 pieces				0	0	300,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-38		Outlet Socket 200 W		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.43	0	0	39,000	0	0	16,770	
	L-2-23	Common Labour	day	0.21	0	0	35,100	0	0	7,371	
Material		Outlet Socket 200 W	pieces	10.00	0	0	20,000	0	0	200,000	
		Miscellaneous	L.S.					0	0	59	Round Up
Total for				10 pieces				0	0	224,200	
Unit Cost for				1 pieces				0	0	22,420	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-39		Outlet Socket 400 W		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.43	0	0	39,000	0	0	16,770	
	L-2-23	Common Labour	day	0.21	0	0	35,100	0	0	7,371	
Material		Outlet Socket 400 W	pieces	10.00	0	0	20,000	0	0	200,000	
		Miscellaneous	L.S.					0	0	59	Round Up
Total for				10 pieces				0	0	224,200	
Unit Cost for				1 pieces				0	0	22,420	

Table 4.2.9 (47/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-40		Outlet Socket 1000 W		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	0.43	0	0	39,000	0	0	16,770		
	L-2-23	Common Labour	day	0.21	0	0	35,100	0	0	7,371		
Material		Outlet Socket 1000 W	pieces	10.00	0	0	80,000	0	0	800,000		
Others		Miscellaneous	L.S.					0	0	59	Round Up	
Total for				10 pieces				0	0	824,200		
Unit Cost for				1 pieces				0	0	82,420		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-41		H 1 x 300 W		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060		
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477		
Material		H 1 x 300 W	pieces	10.00	0	0	257,500	0	0	2,575,000		
Others		Miscellaneous	L.S.					0	0	63	Round Up	
Total for				10 pieces				0	0	2,605,600		
Unit Cost for				1 pieces				0	0	260,560		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-42		H 1 x 400 W		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	0.54	0	0	39,000	0	0	21,060		
	L-2-23	Common Labour	day	0.27	0	0	35,100	0	0	9,477		
Material		H 1 x 400 W	pieces	10.00	0	0	352,000	0	0	3,520,000		
Others		Miscellaneous	L.S.					0	0	63	Round Up	
Total for				10 pieces				0	0	3,550,600		
Unit Cost for				1 pieces				0	0	355,060		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-43		FNB 100 A		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000		
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100		
Material		FNB 100 A	pieces	10.00	0	0	352,000	0	0	3,520,000		
Others		Miscellaneous	L.S.					0	0	0	Round Up	
Total for				10 pieces				0	0	3,633,100		
Unit Cost for				1 pieces				0	0	363,310		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-44		FNB 63 A		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000		
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100		
Material		FNB 63 A	pieces	10.00	0	0	465,000	0	0	4,650,000		
Others		Miscellaneous	L.S.					0	0	0	Round Up	
Total for				10 pieces				0	0	4,763,100		
Unit Cost for				1 pieces				0	0	476,310		

Table 4.2.9 (48/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-45		NCB 32 A		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000		
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100		
Material		NCB 32 A	pieces	10.00	0	0	50,000	0	0	500,000		
		Miscellaneous	L.S.					0	0	0	Round Up	
Total for				10 pieces				0	0	613,100		
Unit Cost for				1 pieces				0	0	61,310		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-46		NCB 16 A		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000		
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100		
Material		NCB 16 A	pieces	10.00	0	0	40,000	0	0	400,000		
		Miscellaneous	L.S.					0	0	0	Round Up	
Total for				10 pieces				0	0	513,100		
Unit Cost for				1 pieces				0	0	51,310		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-47		NCB 6 A		10 pieces								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000		
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100		
Material		NCB 6 A	pieces	10.00	0	0	40,000	0	0	400,000		
		Miscellaneous	L.S.					0	0	0	Round Up	
Total for				10 pieces				0	0	513,100		
Unit Cost for				1 pieces				0	0	51,310		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-48		Grounding Cable D = 6 mm		30 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	0.68	0	0	39,000	0	0	26,520		
	L-2-23	Common Labour	day	0.34	0	0	35,100	0	0	11,934		
Material		Grounding Cable D = 6 mm	m	30.00	0	0	8,500	0	0	255,000		
		Miscellaneous	L.S.					0	0	46	Round Up	
Total for				30 m				0	0	293,500		
Unit Cost for				1 m				0	0	9,783		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-49		Cable NYM 4 x 16 mm		30 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	17.6	0	0	39,000	0	0	686,400		
	L-2-23	Common Labour	day	8.8	0	0	35,100	0	0	308,880		
Material		Cable NYM 4 x 16 mm	m	30.00	0	0	29,636	0	0	889,091		
		Miscellaneous	L.S.					0	0	29	Round Up	
Total for				30 m				0	0	1,884,400		
Unit Cost for				1 m				0	0	62,813		

Table 4.2,9 (49/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-50		Cable NYM 3 x 4 mm		30 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	0.85	0	0	39,000	0	0	33,150		
	L-2-23	Common Labour	day	0.43	0	0	35,100	0	0	15,093		
Material		Cable NYM 3 x 4 mm	m	30.00	0	0	7,045	0	0	211,364		
Others		Miscellaneous	L.S.					0	0	94	Round Up	
Total for				30 m				0	0	259,700		
Unit Cost for				1 m				0	0	8,657		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-51		Cable NYM 3 x 2.5 mm		30 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	0.43	0	0	39,000	0	0	16,770		
	L-2-23	Common Labour	day	0.21	0	0	35,100	0	0	7,371		
Material		Cable NYM 3 x 2.5 mm	m	30.00	0	0	4,773	0	0	143,182		
Others		Miscellaneous	L.S.					0	0	77	Round Up	
Total for				30 m				0	0	167,400		
Unit Cost for				1 m				0	0	5,580		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-52		Cable NYM 2 x 2.5 mm		30 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	0.44	0	0	39,000	0	0	17,160		
	L-2-23	Common Labour	day	0.22	0	0	35,100	0	0	7,722		
Material		Cable NYM 2 x 2.5 mm	m	30.00	0	0	5,152	0	0	154,545		
Others		Miscellaneous	L.S.					0	0	73	Round Up	
Total for				30 m				0	0	179,500		
Unit Cost for				1 m				0	0	5,983		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-53		Air Blower (inhouse) 0.5 PK		10 unit								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-4	Electrician	day	4.3	0	0	39,000	0	0	167,700		
	L-2-23	Common Labour	day	4.3	0	0	35,100	0	0	150,930		
Material		Air Blower (inhouse) 0.5 PK	pieces	10.00	0	0	500,000	0	0	5,000,000		
Others		Miscellaneous	L.S.					0	0	70	Round Up	
Total for				10 unit				0	0	5,318,700		
Unit Cost for				1 unit				0	0	531,870		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-54		Emergency Lamp 20 W		10 unit								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
		Emergency Lamp 20 W	unit	10	0	0	200,000	0	0	2,000,000		
Total for				10 unit				0	0	2,000,000		
Unit Cost for				1 unit				0	0	200,000		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B11-Bq-55		PABX (20 Output Line)		10 unit								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
		PABX (20 Output Line)	unit	10	0	0	5,000,000	0	0	50,000,000		
Total for				10 unit				0	0	50,000,000		
Unit Cost for				1 unit				0	0	5,000,000		

Table 4.2.9 (50/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-56		Telephone Outlet Switch		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.13	0	0	35,100	0	0	4,563	
Material		Telephone Outlet Switch	pieces	10.00	0	0	20,000	0	0	200,000	
		Miscellaneous	L.S.					0	0	87	Round Up
Total for				10 pieces				0	0	214,400	
Unit Cost for				1 pieces				0	0	21,440	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-57		Telephone Cable + Installation		30 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	0.43	0	0	39,000	0	0	16,770	
	L-2-23	Common Labour	day	0.21	0	0	35,100	0	0	7,371	
Material		Telephone Cable	m	30.00	0	0	7,500	0	0	225,000	
		Miscellaneous	L.S.					0	0	59	Round Up
Total for				30 m				0	0	249,200	
Unit Cost for				1 m				0	0	8,307	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-58		NCB 2 A		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material		NCB 2 A	pieces	10.00	0	0	40,000	0	0	400,000	
		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 pieces				0	0	513,100	
Unit Cost for				1 pieces				0	0	51,310	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-59		Cable NY 3 x 16 mm		30 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	13.2	0	0	39,000	0	0	514,800	
	L-2-23	Common Labour	day	6.6	0	0	35,100	0	0	231,660	
Material		Cable NY 3 x 16 mm	m	30.00	0	0	30,291	0	0	908,727	
		Miscellaneous	L.S.					0	0	13	Round Up
Total for				30 m				0	0	1,655,200	
Unit Cost for				1 m				0	0	55,173	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B11-Bq-60		NCB 10 A		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-4	Electrician	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	1	0	0	35,100	0	0	35,100	
Material		NCB 10 A	pieces	10.00	0	0	40,000	0	0	400,000	
		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 pieces				0	0	513,100	
Unit Cost for				1 pieces				0	0	51,310	

Table 4.2.9 (51/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-61		FL 2 x 40 W + Pole		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	3.3	0	0	58,600	0	0	193,380	
	L-2-16	Steel Worker	day	14.7	0	0	39,000	0	0	573,300	
	L-2-23	Common Labour	day	17.2	0	0	35,100	0	0	603,720	
Material	M-E-27	Galvanized Steel Pipe, Dia. 50mm	m	75.4	14,250	0	750	1,074,450	0	56,550	Material loss factor 15%
	M-E-74	Steel/Reinforcing Bar Dia. 12 mm	kg	13.89	0	1,050	2,450	0	14,585	34,031	Material loss factor 15%
Working Base Cost											
	S-B11-Bq-2	Installation and Lighting 40W-2 FL	pieces	10	0	0	233,060	0	0	2,330,600	
Others		Tools	%	5				53,723	729	73,049	
		Miscellaneous	L.S.					28	86	70	Round Up
Total for		10 pieces						1,128,200	15,400	3,864,700	
Unit Cost for		1 pieces						112,820	1,540	386,470	

ID No.		Working Name		Calculation Quantity							Remarks
S-B11-Bq-62		New Installation from PLN for 900 VA		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		New Installation from PLN for 900 VA	pieces	10	0	0	216,000	0	0	2,160,000	
Total for		10 pieces						0	0	2,160,000	
Unit Cost for		1 pieces						0	0	216,000	

Table 4.2.9 (52/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

XII. FURNITURE

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-1		Meeting Room Table		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Meeting Room Table	unit	10	0	0	2,125,000	0	0	21,250,000	
Total for				10 unit				0	0	21,250,000	
Unit Cost for				1 unit				0	0	2,125,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-2		Meeting Room Chair		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Meeting Room Chair	unit	10	0	0	200,000	0	0	2,000,000	
Total for				10 unit				0	0	2,000,000	
Unit Cost for				1 unit				0	0	200,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-3		Office Table		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Office Table	unit	10	0	0	500,000	0	0	5,000,000	
Total for				10 unit				0	0	5,000,000	
Unit Cost for				1 unit				0	0	500,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-4		Filling Cabinet		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Filling Cabinet	unit	10	0	0	800,000	0	0	8,000,000	
Total for				10 unit				0	0	8,000,000	
Unit Cost for				1 unit				0	0	800,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-5		Computer Table		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Computer Table	unit	10	0	0	600,000	0	0	6,000,000	
Total for				10 unit				0	0	6,000,000	
Unit Cost for				1 unit				0	0	600,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-6		Dining Table		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Dining Table	unit	10	0	0	658,333	0	0	6,583,333	
Total for				10 unit				0	0	6,583,333	
Unit Cost for				1 unit				0	0	658,333	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-7		Single Bed		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Single Bed	unit	10	0	0	500,000	0	0	5,000,000	
Total for				10 unit				0	0	5,000,000	
Unit Cost for				1 unit				0	0	500,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B12-Bq-8		Portable Stove		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Portable Stove	unit	10	0	0	500,000	0	0	5,000,000	
Total for				10 unit				0	0	5,000,000	
Unit Cost for				1 unit				0	0	500,000	

Table 4.2.9 (53/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-9		Kitchen Set		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Kitchen Set	unit	10	0	0	1,000,000	0	0	10,000,000	
Total for		10 unit						0	0	10,000,000	
Unit Cost for		1 unit						0	0	1,000,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-10		Sofa		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Sofa	unit	10	0	0	833,333	0	0	8,333,333	
Total for		10 unit						0	0	8,333,333	
Unit Cost for		1 unit						0	0	833,333	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-11		Credensa		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Credensa	unit	10	0	0	350,000	0	0	3,500,000	
Total for		10 unit						0	0	3,500,000	
Unit Cost for		1 unit						0	0	350,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-12		Dining Cupboard		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Dining Cupboard	unit	10	0	0	300,000	0	0	3,000,000	
Total for		10 unit						0	0	3,000,000	
Unit Cost for		1 unit						0	0	300,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-13		Bed Room Set		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Bed Room Set	unit	10	0	0	1,500,000	0	0	15,000,000	
Total for		10 unit						0	0	15,000,000	
Unit Cost for		1 unit						0	0	1,500,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-14		Front Office Table + 2 Chairs		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Front Office Table + 2 Chairs	unit	10	0	0	3,000,000	0	0	30,000,000	
Total for		10 unit						0	0	30,000,000	
Unit Cost for		1 unit						0	0	3,000,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-15		Garden Chair		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Garden Chair	unit	10	0	0	200,000	0	0	2,000,000	
Total for		10 unit						0	0	2,000,000	
Unit Cost for		1 unit						0	0	200,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B12-Bq-16		Double Bed Set		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Double Bed Set	unit	10	0	0	1,000,000	0	0	10,000,000	
Total for		10 unit						0	0	10,000,000	
Unit Cost for		1 unit						0	0	1,000,000	

Table 4.2.9 (54/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B12-Bq-17		Locker Cabinet		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Locker Cabinet	unit	10	0	0	2,800,000	0	0	28,000,000	
Total for		10 unit						0	0	28,000,000	
Unit Cost for		1 unit						0	0	2,800,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B12-Bq-18		Hot & Cold Dispenser		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Hot & Cold Dispenser	unit	10	0	0	1,000,000	0	0	10,000,000	
Total for		10 unit						0	0	10,000,000	
Unit Cost for		1 unit						0	0	1,000,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B12-Bq-19		Office Chair		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Office Chair	unit	10	0	0	200,000	0	0	2,000,000	
Total for		10 unit						0	0	2,000,000	
Unit Cost for		1 unit						0	0	200,000	

Table 4.2.9 (55/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

XI METAL WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-1		Ventilation Hole		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35100	0	0	228,150	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	130	5225	0	275	679,250	0	35,750	Material loss factor 30%
Others		Tools	%	5				33,963	0	27,340	Weld Machine, generator and etc.
		Miscellaneous	L.S.					88	0	60	Round Up
Total for		100 Kg						713,300	0	574,200	
Unit Cost for		1 Kg						7,133	0	5,742	

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-2		Stairs		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35100	0	0	228,150	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	130	5225	0	275	679,250	0	35,750	Material loss factor 30%
Others		Tools	%	5				33,963	0	27,340	Weld Machine, generator and etc.
		Miscellaneous	L.S.					88	0	60	Round Up
Total for		100 Kg						713,300	0	574,200	
Unit Cost for		1 Kg						7,133	0	5,742	

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-3		Steel Fence		6 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.77	0	0	58600	0	0	103,722	
	L-2-6	Welder	day	3	0	0	39000	0	0	117,000	
	L-2-16	Steel Worker	day	3.7	0	0	39000	0	0	144,300	
	L-2-23	Common Labour	day	8.47	0	0	35100	0	0	297,297	
Material	M-E-27	Galvanized Steel Pipe, Dia. 50mm	m	15.6	14250	0	750	222,300	0	11,700	
	M-E-28	Galvanized Steel Pipe, Dia. 75mm	m	5.85	19000	0	1000	111,150	0	5,850	
	M-E-1	Reinforcing Bar, Round U-30	kg	61	0	2500	2500	0	152,500	152,500	
Others		Small Tool	%	5				16,673	7,625	41,618	Weld Machine, generator and etc.
		Miscellaneous	L.S.					78	75	13	Round Up
Total for		6 m						350,200	160,200	874,000	
Unit Cost for		1 m						58,367	26,700	145,667	

*1 : All production rate are quoted from Indonesian Standard

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-4		Gate		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Gate	m	10	0	0	65000	0	0	650000	
Total for		10 m						0	0	650,000	
Unit Cost for		1 m						0	0	65,000	

Table 4.2.9 (56/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks	
S-B13-Bq-5		H-Beam		100 Kg								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58600	0	0	117,200		
	L-2-16	Steel Worker	day	6.5	0	0	39000	0	0	253,500		
	L-2-23	Common Labour	day	8	0	0	35100	0	0	280,800		
Material	M-E-9	H-beam (Purchasing), SS41	kg	115	5225	0	275	600,875	0	31,625	Material loss factor 15%	
Others		Tools	%	5				30,044	0	34,156	Weld Machine, generator and etc.	
		Miscellaneous	L.S.					81	0	19	Round Up	
Total for				100 Kg				631,000	0	717,300		
Unit Cost for				1 Kg				6,310	0	7,173		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B13-Bq-6		Galvanish Pipe D=50.8 mm		10 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-29	Chief of Steel Worker	day	0.53	0	0	58600	0	0	31,058		
	L-2-16	Steel Worker	day	1.71	0	0	39000	0	0	66,690		
	L-2-23	Common Labour	day	2.1	0	0	35100	0	0	73,710		
Material	M-E-27	Galvanized Steel Pipe, Dia. 50mm	m	11.5	14250	0	750	163,875	0	8,625	Material loss factor 15%	
Others		Tools	%	5				8,194	0	9,004	Weld Machine, generator and etc.	
		Miscellaneous	L.S.					31	0	13	Round Up	
Total for				10 m				172,100	0	189,100		
Unit Cost for				1 m				17,210	0	18,910		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B13-Bq-7		Galvanish Pipe D=38.1 mm		10 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-29	Chief of Steel Worker	day	0.41	0	0	58600	0	0	24,026		
	L-2-16	Steel Worker	day	1.32	0	0	39000	0	0	51,480		
	L-2-23	Common Labour	day	1.62	0	0	35100	0	0	56,862		
Material	M-E-26	Galvanized Steel Pipe, Dia. 150mm	m	11.5	71250	0	3750	819,375	0	43,125	Material loss factor 15%	
Others		Tools	%	5				40,969	0	8,775	Weld Machine, generator and etc.	
		Miscellaneous	L.S.					56	0	32	Round Up	
Total for				10 m				860,400	0	184,300		
Unit Cost for				1 m				86,040	0	18,430		

ID No.		Working Name		Calculation Quantity							Remarks	
S-B13-Bq-8		Galvanish Pipe D=25.4 mm		10 m								
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks	
					PF/C	IF/C	L/C	PF/C	IF/C	L/C		
Labour	L-2-29	Chief of Steel Worker	day	0.26	0	0	58600	0	0	15,236		
	L-2-16	Steel Worker	day	0.84	0	0	39000	0	0	32,760		
	L-2-23	Common Labour	day	1.03	0	0	35100	0	0	36,153		
Material	M-E-27	Galvanized Steel Pipe, Dia. 25.4mm	m	11.5	5542	0	292	63,729	0	3,354	Material loss factor 15%	
Others		Tools	%	5				3,186	0	4,375	Weld Machine, generator and etc.	
		Miscellaneous	L.S.					84	0	22	Round Up	
Total for				10 m				67,000	0	91,900		
Unit Cost for				1 m				6,700	0	9,190		

Table 4.2.9 (57/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B13-Bq-9		Pipe Plandes		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Pipe Plandes	pieces	10	0	0	6000	0	0	60000	
Total for				10 pieces				0	0	60,000	
Unit Cost for				1 pieces				0	0	6,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B13-Bq-10		Turn Bucl		10 pieces							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Turn Bucl	0	10	0	0	19500	0	0	195000	
Total for				10 pieces				0	0	195,000	
Unit Cost for				1 pieces				0	0	19,500	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B13-Bq-11		Steel Door (Sliding)		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39000	0	0	253,500	
	L-2-23	Common Labour	day	8	0	0	35100	0	0	280,800	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	34,156	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	19	Round Up
Total for				100 Kg				631,000	0	717,300	
Unit Cost for				1 Kg				6,310	0	7,173	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B13-Bq-12		Steel Door (Swing)		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39000	0	0	253,500	
	L-2-23	Common Labour	day	8	0	0	35100	0	0	280,800	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	34,156	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	19	Round Up
Total for				100 Kg				631,000	0	717,300	
Unit Cost for				1 Kg				6,310	0	7,173	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B13-Bq-13		Steel Staircase		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39000	0	0	253,500	
	L-2-23	Common Labour	day	8	0	0	35100	0	0	280,800	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	34,156	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	19	Round Up
Total for				100 Kg				631,000	0	717,300	
Unit Cost for				1 Kg				6,310	0	7,173	

Table 4.2.9 (58/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-14		Steel Grill for Pipe Line		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39000	0	0	253,500	
	L-2-23	Common Labour	day	8	0	0	35100	0	0	280,800	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	34,156	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	19	Round Up
Total for				100 Kg				631,000	0	717,300	
Unit Cost for				1 Kg				6,310	0	7,173	

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-15		Steel Rail for Crab		100 Kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	2	0	0	58600	0	0	117,200	
	L-2-16	Steel Worker	day	6.5	0	0	39000	0	0	253,500	
	L-2-23	Common Labour	day	8	0	0	35100	0	0	280,800	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	115	5225	0	275	600,875	0	31,625	Material loss factor 15%
Others		Tools	%	5				30,044	0	34,156	Weld Machine, generator and etc.
		Miscellaneous	L.S.					81	0	19	Round Up
Total for				100 Kg				631,000	0	717,300	
Unit Cost for				1 Kg				6,310	0	7,173	

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-16		Stainless Steel - Air Duct Head		10 unit							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Stainless Steel - Air Duct Head	unit	10	0	0	1250000	0	0	12500000	
Total for				10 unit				0	0	12,500,000	
Unit Cost for				1 unit				0	0	1,250,000	

ID No.		Working Name		Calculation Quantity							Remarks
S-B13-Bq-17		Stainless Steel Cover Entrance Column		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	3.1	0	0	58600	0	0	181,660	
	L-2-16	Steel Worker	day	10.2	0	0	39000	0	0	397,800	
	L-2-23	Common Labour	day	12.6	0	0	35100	0	0	442,260	
Material		Stainless Steel Plate	kg	180	19000	0	1000	3,420,000	0	180,000	Material loss factor 15%
Others		Tools	%	5				171,000	0	60,086	Weld Machine, generator and etc.
		Miscellaneous	L.S.					0	0	94	Round Up
Total for				10 m2				3,591,000	0	1,261,900	
Unit Cost for				1 m2				359,100	0	126,190	

Table 4.2.9 (59/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B13-Bq-18		Maintenance Stair		100 kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35100	0	0	228,150	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	130	5225	0	275	679,250	0	35,750	Material loss factor 30%
Others		Tools	%	5				33,963	0	27,340	Weld Machine, generator and etc.
		Miscellaneous	L.S.					88	0	60	Round Up
Total for		100 kg						713,300	0	574,200	
Unit Cost for		1 kg						7,133	0	5,742	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B13-Bq-19		I-Beam for Runway Rail		100 kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35100	0	0	228,150	
Material	M-E-9	H-beam (Purchasing), SS41	kg	130	5225	0	275	679,250	0	35,750	Material loss factor 30%
Others		Tools	%	5				33,963	0	27,340	Weld Machine, generator and etc.
		Miscellaneous	L.S.					88	0	60	Round Up
Total for		100 kg						713,300	0	574,200	
Unit Cost for		1 kg						7,133	0	5,742	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B13-Bq-20		Runway Rail		100 kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-29	Chief of Steel Worker	day	1.5	0	0	58600	0	0	87,900	
	L-2-16	Steel Worker	day	5	0	0	39000	0	0	195,000	
	L-2-23	Common Labour	day	6.5	0	0	35100	0	0	228,150	
Material	M-E-4	Structural Steel(Purchasing), SS41	kg	130	5225	0	275	679,250	0	35,750	Material loss factor 30%
Others		Tools	%	5				33,963	0	27,340	Weld Machine, generator and etc.
		Miscellaneous	L.S.					88	0	60	Round Up
Total for		100 kg						713,300	0	574,200	
Unit Cost for		1 kg						7,133	0	5,742	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B13-Bq-21		Bracket, Holding Plates, Bolt, Nut, etc.		100 kg							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Labour	L-2-16	Steel Worker	day	0.5	0	0	39000	0	0	19,500	
	L-2-23	Common Labour	day	2	0	0	35100	0	0	70,200	
Material	M-E-36	Bolt and Nut	kg	10	0	12375	28875	0	123,750	288,750	
Others		Tools	%	5				0	6,188	18,923	
		Miscellaneous	L.S.					0	63	28	Round Up
Total for		100 kg						0	130,000	397,400	
Unit Cost for		1 kg						0	1,300	3,974	

Table 4.2.9 (60/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

XIV. TEMPORARY WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B14-Bq-1		Uitzet & Bouwplank		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Uitzet & Bouwplank	m ²	10	0	0	3500	0	0	35000	
Total for		10 m ²						0	0	35,000	
Unit Cost for		1 m ²						0	0	3,500	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B14-Bq-2		Water & Electricity for Work		10 L.S							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Water & Electricity for Work	L.S	10	0	0	3750000	0	0	37500000	
Total for		10 L.S						0	0	37,500,000	
Unit Cost for		1 L.S						0	0	3,750,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B14-Bq-3		Administration & Documentation		10 L.S							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Administration & Documentation	L.S	10	0	0	2500000	0	0	25000000	
Total for		10 L.S						0	0	25,000,000	
Unit Cost for		1 L.S						0	0	2,500,000	

Table 4.2.9 (61/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

XV. LANDSCAPING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-1		Paving Kansteen (Paving Border)		10 m							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-107	Masonry of Kanstin Concrete Pavement Border with ratio of	m	10	0	0	35900	0	0	359000	
Others			L.S.				0	0	0	0 Round Up	
Total for				10 m				0	0	359,000	
Unit Cost for				1 m				0	0	35,900	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-2		Gravel		10 m ³							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Direct Cost											
Working Base Cost											
	CW-1-15	Gravel Bedding	m ³	10	0	1360	31260	0	13600	312600	
Total for				10 m ³				0	13,600	312,600	
Unit Cost for				1 m ³				0	1,360	31,260	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-3		Plantation 1		10 m ²							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Plantation			m ²	10	0	0	7500	0	0	75000	
Total for				10 m ²				0	0	75,000	
Unit Cost for				1 m ²				0	0	7,500	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-4		Demolition Wall		100 m ³							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Equipment											
	A-2-1-7	Backhoe; 0.6 m ³	hourly	8.33	125,543	2,040	90,965	1,045,772	16,993	757,739	
	A-2-2-35	Pick Hammer	daily	14.49	5716.911	0	2030.087	82,854	0	29,422	
	A-2-1-48	Dumptruck; 10 ton	hourly	17.13	77269	3060	70744.12	1,323,618	52,418	1,211,847	
	A-2-2-17	Generator; 15 kVA	daily	3.62	82875	1800	52496.05	300,008	6,516	190,036	
Labour											
	L-2-1	Foreman	day	3.62	0	0	48800	0	0	176,812	
	L-2-10	Drill Worker	day	14.49	0	0	39000	0	0	565,217	
	L-2-23	Common Labour	day	14.49	0	0	35100	0	0	508,696	
Working Base Cost											
	CW-1-54	Excavation I	m ³	100	5072	83	3675	507,200	8,300	367,500	
Miscellaneous			L.S.					48	73	32	Round Up
Total for				100 m ³				3,259,500	84,300	3,807,300	
Unit Cost for				1 m ³				32,595	843	38,073	

Manpower Composition; Foreman : 1 man/day
 Common Labor : 4 man/day
 Drill Worker : 4 man/day

*1 50m³ x $\frac{T_a}{T \times 60}$ x Composition of Manpower = Foreman 3.62 Drill Worker 14.49 Common 14.49

*2 100m³ x $\frac{T_b}{60}$ = Dump Truck 17.13 hour

*3 50m³ x $\frac{T_c}{T \times 60}$ = Generator 3.62 days

*4 50m³ x $\frac{T_e}{60}$ = Backhoe 8.33 hour

*5 Average Daily Working Time of Generator, Labor, Breaker
 $T = \frac{690}{100} = 6.9$ (hour/day)

Working Time by Hand Breaker / 1m³ (Ta) = 30 minutes/m³

Working Time by Dump Truck / 1m³ (Tb) = $\frac{5 \text{ km (one way)} \times 2}{20 \text{ minutes}} \times \frac{40 \text{ km/hour}}{10 \text{ ton truck}} = 10.28 \text{ minutes/m}^3$

Working Time by Backhoe and Pick Hammer / 1m³ (Tc) = 10 minutes/m³

Table 4.2.9 (62/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-5		Paving Block		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-112	Masonry of Paving Block	m2	10	0	5700	44800	0	57000	448000	
Total for		10 m2						0	57,000	448,000	
Unit Cost for		1 m2						0	5,700	44,800	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-6		Plantation 2		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Plantation	m2	10	0	0	250000	0	0	2500000	
Total for		10 m2						0	0	2,500,000	
Unit Cost for		1 m2						0	0	250,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-7		Plantation 3		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Plantation	m2	10	0	0	25000	0	0	250000	
Total for		10 m2						0	0	250,000	
Unit Cost for		1 m2						0	0	25,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-8		Plantation 4		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Plantation	m2	10	0	0	15000	0	0	150000	
Total for		10 m2						0	0	150,000	
Unit Cost for		1 m2						0	0	15,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B15-Bq-9		Plantation 5		10 m2							
Major Item	ID No.	Description	Unit	Quantity	Unit Cost			Cost			Remarks
					PF/C	IF/C	L/C	PF/C	IF/C	L/C	
		Plantation	m2	10	0	0	5000	0	0	50000	
Total for		10 m2						0	0	50,000	
Unit Cost for		1 m2						0	0	5,000	