

Table 4.2.7 (1/4) SUMMARY OF UNIT RATES FOR CONSTRUCTION OF BUILDINGS

ID No.	Base Working Item	Unit	PF/C	IF/C	I/C	Width of Application
S-B1-Bq-1	Earth Cut, 1 m depth	m3	0	0	16,000	
S-B1-Bq-2	Earth Fill (Old)	m3	0	0	7,700	
S-B1-Bq-3	Earth Fill (New)	m3	502	495	17,061	
S-B1-Bq-4	Sand Fill	m3	0	1,620	41,800	
S-B1-Bq-5	Sand Fill Under Foundation	m3	0	1,620	41,800	
S-B2-Bq-1	Dry Stone Masonry	m3	0	2,900	96,000	
S-B2-Bq-2	Brick block 1:3:10	m3	0	6,960	326,310	
S-B2-Bq-3	Stone Masonry 1:3:10	m3	0	9,800	166,600	
S-B2-Bq-4	Masonry of Coble Stone, 1cement : 3sand	m3	0	23,240	224,610	
S-B3-Bq-1	Brickwall/brickwork 1:3:10 1/2 brick thick	m3	0	6,960	336,310	
S-B3-Bq-2	Brickwall/brickwork 1:3 1/2 brick thick	m3	0	16,610	368,140	
S-B3-Bq-3	Mortar plastering 15 mm of thickness, 1:3:10	m2	0	400	7,200	
S-B3-Bq-4	Mortar plastering 15 mm of thickness, 1:3	m2	0	900	9,100	
S-B3-Bq-5	Mortar plastering 15 mm of thickness, 1:2	m2	0	1,200	10,000	
S-B3-Bq-6	Hole Ridge Mortar Plastering	m	0	600	21,400	
S-B3-Bq-7	Water Proofing Mortar H = 100 (for Wall Base)	m	0	190	1,390	
S-B3-Bq-8	Concrete Plastering (for Floor)	m2	0	1,200	10,000	
S-B3-Bq-9	Expose Plastering for Column H=800 & Base	m2	0	900	9,100	
S-B4-Bq-1	Concrete K-225	m3	0	43,680	184,460	
S-B4-Bq-2	Light Concrete (Concrete 1:3:5)	m3	0	30,410	422,790	
S-B4-Bq-3	Concrete 1:2:3	m3	0	37,300	467,700	
S-B4-Bq-4	Steel Bar	Kg	0	3,350	10,820	
S-B4-Bq-5	Supported Concrete Coster	m2	10	1,690	94,170	
S-B4-Bq-6	Concrete Coster	m2	10	970	80,220	
S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	0	1,203	9,128	
S-B4-Bq-8	Steel Bar Deformed Dia. 16 mm	Kg	0	1,286	9,320	
S-B4-Bq-9	Precast RC	m3	100	197,375	2,410,900	
S-B4-Bq-10	Fence's Foundation (RC)	m3	100	203,755	2,127,660	
S-B4-Bq-11	Fence's Tie Beam (RC)	m3	100	197,375	2,410,900	
S-B4-Bq-12	Concrete K-250	m3	0	45,870	193,200	
S-B4-Bq-13	Scaffolding	m2	14,740	70	15,630	
S-B4-Bq-14	Concrete for Drainage O-300	m3	100	197,375	2,410,900	
S-B4-Bq-15	Concrete Tower for Watertank	m3	100	205,945	2,136,400	
S-B4-Bq-16	Reinforcement Concrete for Gutter	m3	100	197,375	2,410,900	
S-B5-Bq-1	Metal Sheet Roof	m2	0	26,700	76,530	
S-B5-Bq-2	Metal Sheet Ridge	m	0	12,360	7,640	
S-B5-Bq-3	Ceramic Roof Tile	m2	0	12,150	40,350	
S-B5-Bq-4	Ceramic Ridge Tile	m	0	8,790	46,890	
S-B5-Bq-5	Timber Raften and Timber Batten	m2	0	420	25,890	
S-B5-Bq-6	Steel Truss	Kg	6,310	0	5,699	
S-B5-Bq-7	Steel Purlin	Kg	6,310	0	5,699	
S-B5-Bq-8	Steel Facing	Kg	6,310	0	5,699	
S-B5-Bq-9	Asphalt Sheet Roof Cover	m2	0	1,050	15,160	
S-B5-Bq-10	Colour Bond Metal Sheet (Gutter)	m2	0	18,600	56,130	
S-B5-Bq-11	Gutter Timber Batten	m2	0	600	41,310	
S-B5-Bq-12	Facing Timber Batten 30 x 300 mm	m2	0	240	83,060	
S-B5-Bq-13	Plywood Roof Cover	m2	0	2,090	28,020	
S-B5-Bq-14	Aluminium Sheet	m2	0	19,580	58,410	
S-B5-Bq-15	Glasswool Layer	m2	0	10,470	37,160	
S-B5-Bq-16	Facing	m	0	0	30,000	
S-B5-Bq-17	Wood Truss	m3	78,400	7,200	3,259,900	
S-B5-Bq-18	Wood Purlin	m3	0	5,300	2,435,400	
S-B5-Bq-19	Termite Protection	L.S	0	0	300,000	
S-B5-Bq-20	Fiber Cement Roof Tile	m2	0	800	13,200	
S-B5-Bq-21	Truss Beugel & Bolt	Kg	0	1,300	3,974	
S-B5-Bq-22	Chanel C Purlin	Kg	6,310	0	5,699	
S-B5-Bq-23	Facing Plate I	m2	0	0	26,500	
S-B5-Bq-24	Facing Plate II	m2	0	0	29,000	
S-B5-Bq-25	Sandwich Layer & Steel Roof	m2	0	63,870	190,220	
S-B5-Bq-26	Capping	m	0	8,280	21,320	
S-B5-Bq-27	Polycarbonat Frame	Kg	7,133	0	5,742	
S-B5-Bq-28	Polycarbonat Roof Sheet	m2	0	530	113,960	
S-B5-Bq-29	Aluminium Capping	m	0	8,280	21,320	
S-B5-Bq-30	Asphalt Sheet Water Proofing 5 mm	m2	0	14,070	23,110	
S-B5-Bq-31	Steel Roof	m2	0	26,700	76,530	
S-B5-Bq-32	Roof Ventilation Frame	m3	0	480	3,183,590	
S-B6-Bq-1	Ceramic Floor Tile, 200 x 200 mm	m2	0	9,660	36,550	
S-B6-Bq-2	Ceramic Floor Tile, 200 x 200 mm (Nonslip Texture)	m2	0	9,660	36,550	
S-B6-Bq-3	Ceramic Floor Tile, 300 x300 mm	m2	0	9,660	36,550	
S-B6-Bq-4	Ceramic Floor Tile, 300 x300 mm, (Nonslip Texture)	m2	0	9,660	36,550	
S-B6-Bq-5	Wall Base Mortar Fin w/ Waterproof Paint	m	0	190	1,390	
S-B6-Bq-6	Stair Nosing Ceramic Tile	m	0	1,740	6,580	
S-B6-Bq-7	Granito Tile for Entrance Wall	m2	0	47,160	124,050	
S-B6-Bq-8	Terracota	m2	0	9,660	36,550	
S-B7-Bq-1	Water Supply Installation (PVC Pipes D= 19.05 mm)	m	0	0	36,700	

Table 4.2.7 (2/4) SUMMARY OF UNIT RATES FOR CONSTRUCTION OF BUILDINGS

ID No.	Base Working Item	Unit	PF/C	IF/C	L/C	Width of Application
S-B7-Bq-2	Waste Water Installation (PVC Pipes D= 110 mm)	m	0	2,750	55,470	
S-B7-Bq-3	Septic tank	unit	0	49,390	1,289,080	
S-B7-Bq-4	PVC Gutter (1/2 D= 110 mm)	m	0	1,380	52,270	
S-B7-Bq-5	Closet	pieces	0	730	86,410	
S-B7-Bq-6	Washbak	pieces	0	40	442,480	
S-B7-Bq-7	Hand Zink (Washtafel)	pieces	0	40	242,480	
S-B7-Bq-8	Water Stop Valve	pieces	0	0	67,530	
S-B7-Bq-9	Bath Tub (Watertank)	pieces	0	200	140,170	
S-B7-Bq-10	Kitchen table (Reinforcement Concrete)	m3	100	197,375	2,410,900	
S-B7-Bq-11	Floor Drain	pieces	0	0	60,000	
S-B7-Bq-12	Drainage Box	pieces	0	12,320	134,950	
S-B7-Bq-13	Drainage U-300	m	0	2,400	36,500	
S-B7-Bq-14	Water Cock	pieces	0	0	67,530	
S-B7-Bq-15	New Installation from PDAM	Unit	0	0	500,000	
S-B7-Bq-16	Urinoir	pieces	0	100	402,100	
S-B7-Bq-17	Soap Case	pieces	0	40	71,480	
S-B7-Bq-18	Deepwell	unit	0	0	50,000,000	
S-B7-Bq-19	PVC Gutter (D = 110 mm)	m	0	2,750	55,470	
S-B7-Bq-20	Roof Drain	pieces	0	0	50,000	
S-B7-Bq-21	Drainage O 300	m	0	5,200	41,900	
S-B7-Bq-22	Stainless Steel Watertank 2000 lt	unit	0	0	2,000,000	
S-B8-Bq-1	Wood Frame for Ventilation	m3	0	480	3,183,590	
S-B8-Bq-2	Double Plywood Door	m2	0	5,010	143,830	
S-B8-Bq-3	Aluminium Door	m2	0	31,470	193,320	
S-B8-Bq-4	Aluminium awakening	m	0	7,950	67,320	
S-B8-Bq-5	Aluminium Rolling Door	m2	0	26,780	90,570	
S-B8-Bq-6	Aluminium Door Frame	m	0	6,330	63,540	
S-B8-Bq-7	Aluminium Sliding-Window Frame	m	0	6,330	42,860	
S-B8-Bq-8	Door Keys for Aluminium Door	pieces	0	15,600	48,570	
S-B8-Bq-9	Espagnolette	pieces	0	10,920	37,650	
S-B8-Bq-10	Door Hings (125 mm)	pieces	0	1,320	15,950	
S-B8-Bq-11	Windows Hings (75 mm)	pieces	0	1,320	15,950	
S-B8-Bq-12	Al-Louvre	m2	0	10,200	150,040	
S-B8-Bq-13	Door Stopper	pieces	0	12,480	41,290	
S-B8-Bq-14	Door Keys for Wood Door	pieces	0	11,550	39,110	
S-B8-Bq-15	Door Keys for Toilet Door	pieces	0	15,600	48,570	
S-B8-Bq-16	Double Teakwood Door (w/ Louvre)	m2	0	500	546,200	
S-B8-Bq-17	Light Concrete for Ventilation	pieces	0	30	2,830	
S-B8-Bq-18	Aluminium Window Frame	m	0	4,170	58,500	
S-B8-Bq-19	Door Handle for Aluminium Door	pieces	0	18,720	55,850	
S-B8-Bq-20	Door Hinge (125 mm) / Al.Door	pieces	0	3,440	20,180	
S-B8-Bq-21	Shaft Door (fr Steel Plate)	m2	0	57,260	259,840	
S-B8-Bq-22	Steel Frame for Teakwood Door	m	8,970	0	7,250	
S-B8-Bq-23	Door Handle for Entrance Door	pieces	0	78,000	194,170	
S-B8-Bq-24	Teakwood Panel	m2	0	300	455,700	
S-B8-Bq-25	Aluminium Panel	m2	0	19,580	58,410	
S-B8-Bq-26	Louvre for Ventilation Door	m2	0	500	253,000	
S-B8-Bq-27	Mirror Stainless Steel Sheet t=1.2 mm	m2	0	0	329,690	
S-B8-Bq-28	Aluminium Rolling Shutter (Motorize)	m2	0	156,000	376,170	
S-B8-Bq-29	Door Closer	pieces	0	46,800	121,370	
S-B8-Bq-30	Steel Frame	kg	7,133	0	5,742	
S-B8-Bq-31	Steel Plate 0.5 mm	kg	0	2,430	11,034	
S-B8-Bq-32	Steel Door Frame	kg	7,133	0	5,742	
S-B8-Bq-33	Door Keys for Steel Door	pieces	0	15,600	45,100	
S-B9-Bq-1	Wall Painting	m2	0	1,430	8,570	
S-B9-Bq-2	Wood Painting	m2	0	4,100	14,800	
S-B9-Bq-3	Ceiling Painting	m2	0	1,440	8,660	
S-B9-Bq-4	Steel Painting	m2	0	1,740	9,060	
S-B9-Bq-5	Wood Protection Painting	m2	0	70	3,920	
S-B9-Bq-6	Steel Protection Painting	m	0	80	7,690	
S-B9-Bq-7	Float Glass H = 100 mm, Rayband (For Wall base)	m	0	2,950	8,280	
S-B9-Bq-8	Float Glass H = 5 mm, (Natural Colour)	m2	0	14,900	36,850	
S-B9-Bq-9	Stairs/Steel Protection Painting	m2	0	80	7,690	
S-B9-Bq-10	Float Glass H = 8 mm, (Natural Colour)	m2	0	28,010	67,420	
S-B9-Bq-11	Mirror for Lavatory 5 mm	m2	0	25,030	60,480	
S-B9-Bq-12	Etching Glass 5 mm	m2	0	14,900	36,850	
S-B9-Bq-13	Wood Protection Painting	L.S	0	0	300,000	
S-B9-Bq-14	Wood Protection Painting	L.S	0	0	180,000	
S-B9-Bq-15	Wood polytur	m2	0	200	20,800	
S-B9-Bq-16	Sandblasting Glass / Lobby	m2	0	68,960	162,970	
S-B9-Bq-17	Ceiling Polytur	m2	0	1,930	9,790	
S-B9-Bq-18	Gypsum Cornice Painting	m	0	770	5,450	
S-B9-Bq-19	Float Glass 5 mm (Cloudy Glass)	m2	0	19,820	48,310	
S-B10-Bq-1	Fiber Cement Ceiling, 1200 x 1200 mm x 6 mm + Ceiling	m2	0	2,220	85,170	
S-B10-Bq-2	Wood Cornice	m	0	30	4,810	

Table 4.2.7 (3/4) SUMMARY OF UNIT RATES FOR CONSTRUCTION OF BUILDINGS

ID No.	Base Working Item	Unit	PF/C	IF/C	L/C	Width of Application
S-B10-Bq-3	Stainless Steel Hand Rail	m	144,220	0	37,413	
S-B10-Bq-4	Stainless Steel Railing	m	361,152	0	93,711	
S-B10-Bq-5	Waterproof Gypsum Board 10 mm + Wood Frame	m2	0	420	100,470	
S-B10-Bq-6	Gypsum Cornice for Ceiling	m	0	30	15,810	
S-B10-Bq-7	Lumberserier Skirting for Wall Base	m2	0	480	57,720	
S-B10-Bq-8	Lumberserier Skirting for Ceiling	m2	0	330	56,170	
S-B10-Bq-9	Wood Cornice for Lumberserier Ceiling	m	0	30	4,810	
S-B10-Bq-10	Stainless Steel Railing + 10 mm Float Glass	m	361,152	9,443	116,392	
S-B10-Bq-11	Wood Profile for Lumberserier Skirting	m	0	30	3,540	
S-B10-Bq-12	Aluminium Border for Urinoir	m2	0	26,940	150,350	
S-B10-Bq-13	Ventilation Hole 200 x 200	pieces	0	10	11,700	
S-B10-Bq-14	Ventilation Hole D = 1000 + Steel Frame	pieces	105,100	15,000	212,500	
S-B10-Bq-15	Gypsumboard Panel	m2	0	420	89,990	
S-B10-Bq-16	Access Floor	m2	0	0	610,000	
S-B10-Bq-17	Aluminium Spandrel for Ceiling	m2	0	750	145,000	
S-B10-Bq-18	Aluminium Frame for Partition	m	0	4,170	58,500	
S-B10-Bq-19	Ventilation Hole D = 600 + Steel Frame	pieces	63,000	9,000	127,500	
S-B10-Bq-20	Ventilation Hole for garage	pieces	0	10	15,130	
S-B10-Bq-21	Waterproof Gypsum Board 12 mm + Wood Frame	m2	0	420	103,580	
S-B11-Bq-1	Installation and Lighting 40W-1 FL	pieces	0	0	128,060	
S-B11-Bq-2	Installation and Lighting 40W-2 FL	pieces	0	0	233,060	
S-B11-Bq-3	Installation and Lighting 20W-1 FL	pieces	0	0	108,060	
S-B11-Bq-4	Installation and Lighting 15W-2 FL	pieces	0	0	185,560	
S-B11-Bq-5	Installation and Lighting 15W-1 FL	pieces	0	0	103,060	
S-B11-Bq-6	Air Condition Installation (2 PK)	pieces	0	0	6,312,240	
S-B11-Bq-7	Fuse	pieces	0	0	26,310	
S-B11-Bq-8	Lighting Switch (Single)	pieces	0	0	10,440	
S-B11-Bq-9	Lighting Switch (Double)	pieces	0	0	10,440	
S-B11-Bq-10	Outlet Socket Switch	pieces	0	0	11,440	
S-B11-Bq-11	Outlet Socket Installation	pieces	0	0	32,420	
S-B11-Bq-12	Lightning Protector	pieces	0	0	750,000	
S-B11-Bq-13	Outlet Socket and Installation for AC	pieces	0	0	77,420	
S-B11-Bq-14	Fuse Box	pieces	0	0	31,310	
S-B11-Bq-15	New Installation from PLN for 3500 VA	pieces	0	0	1,300,000	
S-B11-Bq-16	Water Pump	pieces	0	0	600,000	
S-B11-Bq-17	Extinguisher	pieces	0	0	1,500,000	
S-B11-Bq-18	New Installation from PLN for 450 VA	pieces	0	0	108,000	
S-B11-Bq-19	New Installation from PLN for 2200 VA	pieces	0	0	528,000	
S-B11-Bq-20	Wall Lighting Switch	pieces	0	0	51,440	
S-B11-Bq-21	General Lighting Installation	pieces	0	0	53,060	
S-B11-Bq-22	General Lighting 36W-2 + Pole	pieces	112,820	1,540	263,320	
S-B11-Bq-23	New Installation from PLN for 1300 VA	pieces	0	0	528,000	
S-B11-Bq-24	Installation and Lighting 10W-1 FL	pieces	0	0	70,560	
S-B11-Bq-25	Installation and Lighting 250W-1 H	pieces	0	0	1,283,060	
S-B11-Bq-26	Air Condition (1PK)	pieces	0	0	4,057,240	
S-B11-Bq-27	New Installation from PLN (8800 VA)	pieces	0	0	1,300,000	
S-B11-Bq-28	Lighting Spit	pieces	0	0	75,000	
S-B11-Bq-29	Ground Cable D = 12 mm	m	0	0	32,063	
S-B11-Bq-30	Lightning Protection Equipment	pieces	0	0	250,000	
S-B11-Bq-31	Grounding Box	pieces	0	0	100,000	
S-B11-Bq-32	T-Dos	pieces	0	0	12,500	
S-B11-Bq-33	Switch	pieces	0	0	21,440	
S-B11-Bq-34	Wall Switch	pieces	0	0	91,440	
S-B11-Bq-35	PVC Pipe D = 1.25	m	0	9,750	27,790	
S-B11-Bq-36	Main Panel	pieces	0	0	500,000	
S-B11-Bq-37	Distribution Panel	pieces	0	0	300,000	
S-B11-Bq-38	Outlet Socket 200 W	pieces	0	0	22,420	
S-B11-Bq-39	Outlet Socket 400 W	pieces	0	0	22,420	
S-B11-Bq-40	Outlet Socket 1000 W	pieces	0	0	82,420	
S-B11-Bq-41	H 1 x 300 W	pieces	0	0	260,560	
S-B11-Bq-42	H 1 x 400 W	pieces	0	0	355,060	
S-B11-Bq-43	FNB 100 A	pieces	0	0	363,310	
S-B11-Bq-44	FNB 63 A	pieces	0	0	476,310	
S-B11-Bq-45	NCB 32 A	pieces	0	0	61,310	
S-B11-Bq-46	NCB 16 A	pieces	0	0	51,310	
S-B11-Bq-47	NCB 6 A	pieces	0	0	51,310	
S-B11-Bq-48	Grounding Cable D = 6 mm	m	0	0	9,783	
S-B11-Bq-49	Cable NYY 4 x 16 mm	m	0	0	62,813	
S-B11-Bq-50	Cable NYM 3 x 4 mm	m	0	0	8,657	
S-B11-Bq-51	Cable NYM 3 x 2.5 mm	m	0	0	5,580	
S-B11-Bq-52	Cable NYM 2 x 2.5 mm	m	0	0	5,983	
S-B11-Bq-53	Air Blower (inhouse) 0.5 PK	unit	0	0	531,870	
S-B11-Bq-54	Emergency Lamp 20 W	unit	0	0	200,000	
S-B11-Bq-55	PABX (20 Output Line)	unit	0	0	5,000,000	
S-B11-Bq-56	Telephone Outlet Switch	pieces	0	0	21,440	

Table 4.2.7 (4/4) SUMMARY OF UNIT RATES FOR CONSTRUCTION OF BUILDINGS

ID No.	Base Working Item	Unit	PF/C	IF/C	L/C	Width of Application
S-B11-Bq-57	Telephone Cable + Installation	m	0	0	8,307	
S-B11-Bq-58	NCB 2 A	pieces	0	0	51,310	
S-B11-Bq-59	Cable NYY 3 x 16 mm	m	0	0	55,173	
S-B11-Bq-60	NCB 10 A	pieces	0	0	51,310	
S-B11-Bq-61	FL 2 x 40 W + Pole	pieces	112,820	1,540	386,470	
S-B11-Bq-62	New Installation from PLN for 900 VA	pieces	0	0	216,000	
S-B12-Bq-1	Meeting Room Table	unit	0	0	2,125,000	
S-B12-Bq-2	Meeting Room Chair	unit	0	0	200,000	
S-B12-Bq-3	Office Table	unit	0	0	500,000	
S-B12-Bq-4	Filing Cabinet	unit	0	0	800,000	
S-B12-Bq-5	Computer Table	unit	0	0	600,000	
S-B12-Bq-6	Dining Table	unit	0	0	658,333	
S-B12-Bq-7	Single Bed	unit	0	0	500,000	
S-B12-Bq-8	Portable Stove	unit	0	0	500,000	
S-B12-Bq-9	Kitchen Set	unit	0	0	1,000,000	
S-B12-Bq-10	Sofa	unit	0	0	833,333	
S-B12-Bq-11	Credensa	unit	0	0	350,000	
S-B12-Bq-12	Dining Cupboard	unit	0	0	300,000	
S-B12-Bq-13	Bed Room Set	unit	0	0	1,500,000	
S-B12-Bq-14	Front Office Table + 2 Chairs	unit	0	0	3,000,000	
S-B12-Bq-15	Garden Chair	unit	0	0	200,000	
S-B12-Bq-16	Double Bed Set	unit	0	0	1,000,000	
S-B12-Bq-17	Locker Cabinet	unit	0	0	2,800,000	
S-B12-Bq-18	Hot & Cold Dispenser	unit	0	0	1,000,000	
S-B12-Bq-19	Office Chair	unit	0	0	200,000	
S-B13-Bq-1	Ventilation Hole	Kg	7,133	0	5,742	
S-B13-Bq-2	Stairs	Kg	7,133	0	5,742	
S-B13-Bq-3	Steel Fence	m	58,367	26,700	145,667	
S-B13-Bq-4	Gate	m	0	0	65,000	
S-B13-Bq-5	H-Beam	Kg	6,310	0	7,173	
S-B13-Bq-6	Galvanish Pipe D=50.8 mm	m	17,210	0	18,910	
S-B13-Bq-7	Galvanish Pipe D=38.1 mm	m	86,040	0	18,430	
S-B13-Bq-8	Galvanish Pipe D=25.4 mm	m	6,700	0	9,190	
S-B13-Bq-9	Pipe Plandes	pieces	0	0	6,000	
S-B13-Bq-10	Turn Bucle	pieces	0	0	19,500	
S-B13-Bq-11	Steel Door (Sliding)	Kg	6,310	0	7,173	
S-B13-Bq-12	Steel Door (Swing)	Kg	6,310	0	7,173	
S-B13-Bq-13	Steel Staircase	Kg	6,310	0	7,173	
S-B13-Bq-14	Steel Grill for Pipe Line	Kg	6,310	0	7,173	
S-B13-Bq-15	Steel Rail for Crab	Kg	6,310	0	7,173	
S-B13-Bq-16	Stainless Steel - Air Duct Head	unit	0	0	1,250,000	
S-B13-Bq-17	Stainless Steel Cover Entrance Column	m2	359,100	0	126,190	
S-B13-Bq-18	Maintenance Stair	kg	7,133	0	5,742	
S-B13-Bq-19	I-Beam for Runway Rail	kg	7,133	0	5,742	
S-B13-Bq-20	Runway Rail	kg	7,133	0	5,742	
S-B13-Bq-21	Bracket, Holding Plates, Bolt, Nut, etc.	kg	0	1,300	3,974	
S-B14-Bq-1	Uitzet & Bouwplank	m2	0	0	3,500	
S-B14-Bq-2	Water & Electricity for Work	L.S	0	0	3,750,000	
S-B14-Bq-3	Administration & Documentation	L.S	0	0	2,500,000	
S-B15-Bq-1	Paving Kansteen (Paving Border)	m	0	0	35,900	
S-B15-Bq-2	Gravel	m3	0	1,360	31,260	
S-B15-Bq-3	Plantation 1	m2	0	0	7,500	
S-B15-Bq-4	Demolition Wall	m3	32,595	843	38,073	
S-B15-Bq-5	Paving Block	m2	0	5,700	44,800	
S-B15-Bq-6	Plantation 2	m2	0	0	250,000	
S-B15-Bq-7	Plantation 3	m2	0	0	25,000	
S-B15-Bq-8	Plantation 4	m2	0	0	15,000	
S-B15-Bq-9	Plantation 5	m2	0	0	5,000	

Table 4.2.8 (1/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

I. EARTH WORK

ID No.		Working Name		Calculation Quantity		Remarks					
S-B1-Bq-1		Earth Cut, 1 m depth		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-2-5	Cutting Common Earth, 1m depth	m ³	10	0	0	16000	0	0	160000	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for		10 m ³						0	0	160,000	
Unit Cost for		1 m ³						0	0	16,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B1-Bq-2		Earth Fill (Old)		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-2-9	Backfilling Earth	m ³	10	0	0	7700	0	0	77000	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for		10 m ³						0	0	77,000	
Unit Cost for		1 m ³						0	0	7,700	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B1-Bq-3		Earth Fill (New)		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	
Equipment											
	A-2-2-51	Tamper, 60-100 kg	daily	0.143	35108.56	1080	16858.77	5020.524	154.44	2410.8042	
Material											
	M-B-9	Soil for Backfilling	m ³	12	0	400	7600	0	4,800	91,200	
Working Base Cost											
	CW-2-9	Backfilling Earth	m ³	10	0	0	7700	0	0	77000	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for		10 m ³						5,021	4,954	170,611	
Unit Cost for		1 m ³						502	495	17,061	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B1-Bq-4		Sand Fill		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	0.1	0	0	48800	0	0	4,880	
	L-2-23	Common Labour	day	3	0	0	35100	0	0	105300	
Material											
	M-B-4	Sand for Filling and Base Course	m ³	12	0	1350	25650	0	16,200	307,800	
Others											
		Miscellaneous	L.S.					0	0	20	Round Up
Total for		10 m ³						0	16,200	418,000	
Unit Cost for		1 m ³						0	1,620	41,800	

Table 4.2.8 (2/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

II. FOUNDATION WORK

ID No.		Working Name		Calculation Quantity		Remarks					
S-B2-Bq-1		Dry Stone Masonry		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-2-13	Masonry/Riprap Protection, 20cm thickness	m ³	10	0	2900	96000	0	29000	960000	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m ³				0	29,000	960,000	
Unit Cost for				1 m ³				0	2,900	96,000	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B2-Bq-2		Brick block 1:3:10		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	1.8	0	0	48800	0	0	87,840	
	L-2-27	Chief of Mason	day	1.2	0	0	58600	0	0	70,320	
	L-2-11	Mason	day	12	0	0	39000	0	0	468000	
	L-2-23	Common Labour	day	36	0	0	35100	0	0	1263600	
Material											
	M-L-17	Brick; 26 x 12.4 x 5.2 cm	pcs	4500	0	0	200	0	0	900,000	
	M-C-58	Lime	m ³	1.15	0	11500	103500	0	13225	119025	
	M-C-1	Portland Cement	kg	477.5	0	100	400	0	47750	191000	
	M-B-3	Sand for Mortar (Masonry)	m ³	3.82	0	2250	42750	0	8595	163305	
Others			Miscellaneous	L.S.				0	30	10	Round Up
Total for				10 m ³				0	69,600	3,263,100	
Unit Cost for				1 m ³				0	6,960	326,310	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B2-Bq-3		Stone Masonry 1:3:10		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-2-17	Masonry of Crushed Stone, 1cement : 3lime : 10sand	m ³	10	0	9800	166600	0	98000	1666000	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m ³				0	98,000	1,666,000	
Unit Cost for				1 m ³				0	9,800	166,600	

ID No.		Working Name		Calculation Quantity		Remarks					
S-B2-Bq-4		Masonry of Cobble Stone, 1cement : 3sand		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	1.5	0	0	48800	0	0	73,200	
	L-2-27	Chief of Mason	day	0.6	0	0	58600	0	0	35,160	
	L-2-11	Mason	day	6	0	0	39000	0	0	234,000	
	L-2-23	Common Labour	day	15	0	0	35100	0	0	526,500	
Material											
	M-B-5	Cobble Stone	m ³	12	0	1850	35150	0	22,200	421,800	
	M-C-1	Portland Cement	kg	2025	0	100	400	0	202,500	810,000	
	M-B-3	Sand for Mortar (Masonry)	m ³	3.4	0	2250	42750	0	7,650	145,350	
Others			Miscellaneous	L.S.				0	50	90	
Total for				10 m ³				0	232,400	2,246,100	
Unit Cost for				1 m ³				0	23,240	224,610	

Source : Production Rate is quoted from Daftar Analisa Perhitungan Unit Price, April-May 1999/2000, Market Price, Semarang and Sekitarnya

Table 4.2.8 (3/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

III. BRICK WALL AND PLASTERING WORK

ID No.		Working Name			Calculation Quantity			Remarks			
S-B3-Bq-1		Brickwall/brickwork 1:3:10 1/2 brick thick			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	1.8	0	0	48800	0	0	87,840	
	L-2-27	Chief of Mason	day	1.2	0	0	58600	0	0	70,320	
	L-2-11	Mason	day	12	0	0	39000	0	0	468000	
	L-2-23	Common Labour	day	36	0	0	35100	0	0	1263600	
Material	M-L-17	Brick; 26 x 12.4 x 5.2 cm	pcs	5000	0	0	200	0	0	1,000,000	
	M-C-58	Lime	m3	1.15	0	11500	103500	0	13225	119025	
	M-C-1	Portland Cement	kg	477.5	0	100	400	0	47750	191000	
	M-B-3	Sand for Mortar (Masonry)	m3	3.82	0	2250	42750	0	8595	163305	
Others	Miscellaneous	L.S.					0	30	10	Round Up	
Total for		10 m3						0	69,600	3,363,100	
Unit Cost for		1 m3						0	6,960	336,310	

ID No.		Working Name			Calculation Quantity			Remarks			
S-B3-Bq-2		Brickwall/brickwork 1:3 1/2 brick thick			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	1.8	0	0	48800	0	0	87,840	
	L-2-27	Chief of Mason	day	1.2	0	0	58600	0	0	70,320	
	L-2-11	Mason	day	12	0	0	39000	0	0	468000	
	L-2-23	Common Labour	day	36	0	0	35100	0	0	1263600	
Material	M-L-17	Brick; 26 x 12.4 x 5.2 cm	pcs	5000	0	0	200	0	0	1,000,000	
	M-C-1	Portland Cement	kg	1575	0	100	400	0	157500	630000	
	M-B-3	Sand for Mortar (Masonry)	m3	3.78	0	2250	42750	0	8505	161595	
Others	Miscellaneous	L.S.					0	95	45	Round Up	
Total for		10 m3						0	166,100	3,681,400	
Unit Cost for		1 m3						0	16,610	368,140	

ID No.		Working Name			Calculation Quantity			Remarks			
S-B3-Bq-3		Mortar plastering 15 mm of thickness, 1:3:10			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-2-48	Plastering 15mm thickness with 1cement : 3lime : 10sand	m2	10	0	400	7200	0	4000	72000	
Others	Miscellaneous	L.S.					0	0	0	Round Up	
Total for		10 m2						0	4,000	72,000	
Unit Cost for		1 m2						0	400	7,200	

ID No.		Working Name			Calculation Quantity			Remarks			
S-B3-Bq-4		Mortar plastering 15 mm of thickness, 1:3			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	
Working Base Cost	CW-2-45	Plastering 15mm thickness with 1cement : 3sand	m2	10	0	900	9100	0	9000	91000	
Others	Miscellaneous	L.S.					0	0	0	Round Up	
Total for		10 m2						0	9,000	91,000	
Unit Cost for		1 m2						0	900	9,100	

ID No.		Working Name			Calculation Quantity			Remarks			
S-B3-Bq-5		Mortar plastering 15 mm of thickness, 1:2			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	
Working Base Cost	CW-2-44	Plastering 15mm thickness with 1cement : 2sand	m2	10	0	1200	10000	0	12000	100000	
Others	Miscellaneous	L.S.					0	0	0	Round Up	
Total for		10 m2						0	12,000	100,000	
Unit Cost for		1 m2						0	1,200	10,000	

Table 4.2.8 (4/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B3-Bq-6		Hole Ridge Mortar Plastering		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-2-53	Seam Work at Brick Masonry with Iceement : 3sand per 1m	m2	10	0	600	21400	0	6000	214000	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m				0	6,000	214,000	
Unit Cost for				1 m				0	600	21,400	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B3-Bq-7		Water Proofing Mortar H = 100 (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	
Working Base Cost											
	CW-2-49	Plastering 20mm thickness with Iceement : 2sand	m2	1	0	1900	13900	0	1900	13900	
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-B3-Bq-8		Concrete Plastering (for 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	
Working Base Cost											
	CW-2-44	Plastering 15mm thickness with Iceement : 2sand	m2	10	0	1200	10000	0	12000	100000	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m2				0	12,000	100,000	
Unit Cost for				1 m2				0	1,200	10,000	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B3-Bq-9		Expose Plastering for Column H=800 & Base		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-2-45	Plastering 15mm thickness with Iceement : 3sand	m2	10	0	900	9100	0	9000	91000	
Others			Miscellaneous	L.S.				0	0	0	Round Up
Total for				10 m2				0	9,000	91,000	
Unit Cost for				1 m2				0	900	9,100	

Table 4.2.8 (5/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

IV. CONCRETE WORK

ID No.		Working Name		Calculation Quantity							Remarks
S-B4-Bq-1		Concrete K-225		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	0.41	0	0	48800	0	0	20,008	
	L-2-17	Concrete Worker	day	0.78	0	0	39000	0	0	30420	
	L-2-23	Common Labour	day	1.23	0	0	35100	0	0	43173	
Material	M-C-12	Ready Mixed Concrete; 225kg/cm ² , 15mm (C3)	m ³	10.5	0	40000	160000	0	420,000	1,680,000	
Others		Tools	%	4				0	16800	70944.04	Vibrator, Hopper, etc.
		Miscellaneous	L.S.					0	0	55	Round Up
Total for				10 m ³				0	436,800	1,844,600	
Unit Cost for				1 m ³				0	43,680	184,460	

Concrete loss of 5%; labour and tools are adopted from Japanese Standard.

ID No.		Working Name		Calculation Quantity							Remarks
S-B4-Bq-2		Light Concrete (Concrete 1:3:5)		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	0	0	48800	0	0	146,400	
	L-2-28	Chief of Concrete Worker	day	0.5	0	0	58600	0	0	29300	
	L-2-17	Concrete Worker	day	5	0	0	39000	0	0	195000	
	L-2-23	Common Labour	day	60	0	0	35100	0	0	2106000	
Material	M-C-1	Portland Cement	kg	2684	0	100	400	0	268,400	1,073,600	
	M-B-2	Coarse Aggregate	m ³	9.3	0	2600	49400	0	24180	459420	
	M-B-14	Sand for Concrete	m ³	5.6	0	2050	38950	0	11480	218120	
Others		Miscellaneous	L.S.					0	40	60	Round Up
	Total for				10 m ³				0	304,100	4,227,900
Unit Cost for				1 m ³				0	30,410	422,790	

ID No.		Working Name		Calculation Quantity							Remarks
S-B4-Bq-3		Concrete 1:2:3		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-2-34	Concrete Work with 1cement : 2sand : 3gravel	m ³	10	0	37300	467700	0	373000	4677000	
Others		Miscellaneous	L.S.					0	0	0	Round Up
	Total for				10 m ³				0	373,000	4,677,000
Unit Cost for				1 m ³				0	37,300	467,700	

ID No.		Working Name		Calculation Quantity							Remarks
S-B4-Bq-4		Steel Bar		10 Kg							
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-2-36	Reinforcing-Bar Work	kg	10	0	3343	10815	0	33430	108150	
Others		Miscellaneous	L.S.					0	70	50	Round Up
	Total for				10 Kg				0	33,500	108,200
Unit Cost for				1 Kg				0	3,350	10,820	

ID No.		Working Name		Calculation Quantity							Remarks
S-B4-Bq-5		Supported Concrete Coster		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	0.175	0	0	48800	0	0	8,540	
	L-2-26	Chief of Carpenter	day	1.05	0	0	58600	0	0	61530	
	L-2-12	Carpenter	day	10.5	1	1	39000	10.5	10.5	409500	
	L-2-23	Common Labour	day	3.5	0	0	35100	0	0	122850	
Material	M-D-23	Dolken Wood	bar	40	0	0	7500	0	0	300,000	
	M-E-48	Nails for Wood	kg	7	0	2400	5600	0	16800	39200	
Others		Miscellaneous	L.S.					90	90	80	Round Up
	Total for				10 m ²				100	16,900	941,700
Unit Cost for				1 m ²				10	1,690	94,170	

Table 4.2.8 (6/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-6		Concrete Coster		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	48800	0	0	4,880	
	L-2-26	Chief of Carpenter	day	0.5	0	0	58600	0	0	29300	
	L-2-12	Carpenter	day	5	1	1	39000	5	5	195000	
	L-2-23	Common Labour	day	6	0	0	35100	0	0	210600	
Material	M-D-10	Form Timber	m ³	0.4	0	0	850000	0	0	340,000	
	M-E-48	Nails for Wood	kg	4	0	2400	5600	0	9600	22400	
Others		Miscellaneous	L.S.					95	95	20	Round Up
Total for				10 m ²				100	9,700	802,200	
Unit Cost for				1 m ²				10	970	80,220	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-7		Steel Bar Dia. 12 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	2.25	0	0	58600	0	0	131,850	
	L-2-16	Steel Worker	day	6.75	0	0	39000	0	0	263250	
	L-2-23	Common Labour	day	6.75	0	0	35100	0	0	236925	
Material	M-E-74	Steel/Reinforcing Bar Dia.12 mm	kg	110	0	1050	2450	0	115,500	269,500	
	M-E-64	Steel Wire	kg	2	0	2400	5600	0	4800	11200	
Others		Miscellaneous	L.S.					0	0	75	Round Up
Total for				100 Kg				0	120,300	912,800	
Unit Cost for				1 Kg				0	1,203	9,128	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-8		Steel Bar Deformed Dia. 16 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	2.25	0	0	58600	0	0	131,850	
	L-2-16	Steel Worker	day	6.75	0	0	39000	0	0	263250	
	L-2-23	Common Labour	day	6.75	0	0	35100	0	0	236925	
Material	M-E-75	Steel/Reinforcing Bar Deform Dia. 16 mm	kg	110	0	1125	2625	0	123,750	288,750	
	M-E-64	Steel Wire	kg	2	0	2400	5600	0	4800	11200	
Others		Miscellaneous	L.S.					0	50	25	Round Up
Total for				100 Kg				0	128,600	932,000	
Unit Cost for				1 Kg				0	1,286	9,320	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-9		Precast RC		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											
	S-B4-Bq-3	Concrete 1:2:3	m ³	10	0	37300	467700	0	373000	4677000	
	S-B4-Bq-6	Concrete Coster	m ²	100	10	970	80220	1000	97000	8022000	
	S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	1250	0	1203	9128	0	1503750	11410000	
Total for				10 m ³				1,000	1,973,750	24,109,000	
Unit Cost for				1 m ³				100	197,375	2,410,900	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-10		Fence's Foundation (RC)		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											
	S-B4-Bq-1	Concrete K-225	m ³	10	0	43680	184460	0	436800	1844600	
	S-B4-Bq-6	Concrete Coster	m ²	100	10	970	80220	1000	97000	8022000	
	S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	1250	0	1203	9128	0	1503750	11410000	
Total for				10 m ³				1,000	2,037,550	21,276,600	
Unit Cost for				1 m ³				100	203,755	2,127,660	

Table 4.2.8 (7/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-11		Fence's Tie Beam (RC)		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											
		S-B4-Bq-5 Concrete 1:2:3	m ³	10	0	37300	467700	0	373000	4677000	
		S-B4-Bq-6 Concrete Coster	m ²	100	10	970	80220	1000	97000	8022000	
		S-B4-Bq-7 Steel Bar Dia. 12 mm	Kg	1250	0	1203	9128	0	1503750	11410000	
Total for				10 m ³				1,000	1,973,750	24,109,000	
Unit Cost for				1 m ³				100	197,375	2,410,900	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-12		Concrete K-250		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	0.41	0	0	48800	0	0	20,008	
	L-2-17	Concrete Worker	day	0.78	0	0	39000	0	0	30,420	
	L-2-23	Common Labour	day	1.23	0	0	35100	0	0	43,173	
Material											
	M-C-10	Ready Mixed Concrete; 250kg/cm ² , 25mm (B)	m ³	10.5	0	42000	168000	0	441,000	1,764,000	
Others											
		Tools	%	4				0	17640	74304.04	Vibrator, Hopper, etc.
		Miscellaneous	L.S.					0	60	95	Round Up
Total for				10 m ³				0	458,700	1,932,000	
Unit Cost for				1 m ³				0	45,870	193,200	

Concrete loss of 5%; labour and tools are adopted from Japanese Standard.

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-13		Scaffolding		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-1-38	Prefabricated Scaffold for Re-Con II	m ²	10	14739	62	15629	147390	620	156290	
Others											
		Miscellaneous	L.S.				10	80	10	Round Up	
Total for				10 m ²				147,400	700	156,300	
Unit Cost for				1 m ²				14,740	70	15,630	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-14		Concrete for Drainage O-300		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											
	S-B4-Bq-5	Concrete 1:2:3	m ³	10	0	37300	467700	0	373000	4677000	
	S-B4-Bq-6	Concrete Coster	m ²	100	10	970	80220	1000	97000	8022000	
	S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	1250	0	1203	9128	0	1503750	11410000	
Total for				10 m ³				1,000	1,973,750	24,109,000	
Unit Cost for				1 m ³				100	197,375	2,410,900	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-15		Concrete Tower for Watertank		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											
	S-B4-Bq-1	Concrete K-250	m ³	10	0	45870	193200	0	458700	1932000	
	S-B4-Bq-6	Concrete Coster	m ²	100	10	970	80220	1000	97000	8022000	
	S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	1250	0	1203	9128	0	1503750	11410000	
Total for				10 m ³				1,000	2,059,450	21,364,000	
Unit Cost for				1 m ³				100	205,945	2,136,400	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B4-Bq-16		Reinforcement Concrete for Gutter		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											
	S-B4-Bq-1	Concrete 1:2:3	m ³	10	0	37300	467700	0	373000	4677000	
	S-B4-Bq-6	Concrete Coster	m ²	100	10	970	80220	1000	97000	8022000	
	S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	1250	0	1203	9128	0	1503750	11410000	
Total for				10 m ³				1,000	1,973,750	24,109,000	
Unit Cost for				1 m ³				100	197,375	2,410,900	

Table 4.2.8 (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 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 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	1,465	
	L-2-12	Carpenter	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.25	0	0	35,100	0	0	8,775	
Material											
	M-E-66	Iron Sheet BJLS 3.0	sheet	6	0	20,300	8,700	0	121,800	52,200	
	M-E-53	Screw Nail	pcs	12	0	150	350	0	1,800	4,200	
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	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-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	11,720	
	L-2-11	Mason	day	2	0	0	39,000	0	0	78,000	
	L-2-23	Common Labour	day	4	0	0	35,100	0	0	140,400	
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	1,817	163,530	
	M-B-3	Sand for Mortar (Masonry)	m ³	0.315	0	2,250	42,750	0	708.75	13,466.25	
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 4.2.8 (9/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-5		Timber Rafters 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	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-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	168,000	
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 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	
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 4.2.8 (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 4.2.8 (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	2,400	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											
	M-E-53	Aluminium Plat t=0.6 mm	m ²	10	0	18,975	44,275	0	189,750	442,750	
		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											
	M-B-53	Glasswool Layer	m ²	10	0	9,870	23,030	0	98,700	230,300	
		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/Trestle with Max Span of 6-9m	m ³	10	78,400	7,200	3,259,900	784,000	72,000	3,259,900	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m ³				784,000	72,000	3,259,900	
Unit Cost for				1 m ³				78,400	7,200	3,259,900	

Table 4.2.8 (12/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B5-Bq-18		Wood Purlin		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-2-59	Kamper Wood Purlin Installation	m ³	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 m ³				0	53,000	2,435,400	
Unit Cost for				1 m ³				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											
		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 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	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	m ²	10	0	800	1,200	0	8,000	12,000	
Others			Miscellaneous	L.S.				0	0	60	Round Up
Total for				10 m ²				0	8,000	132,000	
Unit Cost for				1 m ²				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		Channel 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 4.2.8 (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	1,465	
	L-2-12	Carpenter	day	0.25	0	0	39,000	0	0	9,750	
	L-2-23	Common Labour	day	0.25	0	0	35,100	0	0	8,775	
Material											
	M-E-53	Aluminium Capping	m ²	12	0	6,750	15,750	0	81,000	189,000	
		Screw Nail	pes	12	0	150	350	0	1,800	4,200	
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 4.2.8 (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	pes	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	pes	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 4.2.8 (15/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.	Working Name		Calculation Quantity			Remarks					
S-B5-Bq-31	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	
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	pes	20	0	2,100	4,900	0	42,000	98,000	
	M-E-52	Plug Nail	pes	40	0	90	210	0	3,600	8,400	
	M-E-53	Screw Nail	pes	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-32	Roof Ventilation Frame		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	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(Canphol)	m ³	11	0	0	1,850,000	0	0	20,350,000	
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	

Table 4.2.8 (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 (Non-slip 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, Non-slip 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, (Non-slip 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, Non-slip 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 4.2.8 (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 1cement : 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	1,210,500	
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 4.2.8 (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	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, cement : 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	L.S.				0	18,996	495,800	Assumption 4%
			Miscellaneous	L.S.				0	8	5	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 4.2.8 (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-L-17	Brick; 26 x 12.4 x 5.2 cm	pcs	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	4,275	
	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	861,100	
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		Bath tub	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 4.2.8 (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	PF/C	IF/C	L/C	
Others											
	S-B4-Bq-3	Concrete 1:2:3	m ³	10	0	37,300	467,700	0	373000	4677000	
	S-B4-Bq-6	Concrete Caster	m ²	100	10	970	80,220	1000	97000	8022000	
	S-B4-Bq-7	Steel Bar Dia. 12 mm	Kg	1250	0	1,203	9,128	0	1503750	11410000	
Total for				10 m ³				1,000	1,973,750	24,109,000	
Unit Cost for				1 m ³				100	197,375	2,410,900	

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	PF/C	IF/C	L/C	
Floor Drain											
			pieces	10	0	0	60,000	0	0	600000	
Total for				10 pieces				0	0	600,000	
Unit Cost for				1 pieces				0	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	PF/C	IF/C	L/C	
Working Base Cost											
	S-B2-Bq-4	Masonry of Coble Stone, Cement : 3sand	m ³	4.55	0	23,240	224,610	0	105742	1021975.5	
	S-B2-Bq-1	Dry Stone Masonry	m ³	0.975	0	2,900	96,000	0	2827.5	93600	
	S-B15-Bq-2	Gravel	m ³	0.56	0	1,360	31,260	0	761.6	17505.6	
	CW-2-5	Cutting Common Earth, 1m depth	m ³	6.44	0	0	16,000	0	0	103040	
	CW-2-50	Plastering 20mm thickness with Cement : 3sand	m ²	9.216	0	1,500	12,300	0	13824	113356.8	
Others											
		Miscellaneous	L.S.					0	45	22	Round Up
Total for				10 pieces				0	123,200	1,349,500	
Unit Cost for				1 pieces				0	12,320	134,950	

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	PF/C	IF/C	L/C	
Working Base Cost											
	CW-2-111	Masonry of U-shapes Casfed Concrete U-30	m	10	0	2,400	36,500	0	24000	365000	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m				0	24,000	365,000	
Unit Cost for				1 m				0	2,400	36,500	

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	PF/C	IF/C	L/C	
Labour											
	L-2-23	Common Labour	day	2.14	0	0	35,100	0	0	75214.28571	
Material											
		Water Cock	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-15		New Installation from PDAM		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	
New Installation from PDAM											
			unit	10	0	0	500,000	0	0	5000000	
Total for				10 Unit				0	0	5,000,000	
Unit Cost for				1 Unit				0	0	500,000	

Table 4.2.8 (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		Urinoir	pieces	10	0	0	317,000	0	0	3,170,000	
	M-C-2	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		Soap Case	pieces	10			29,000	0	0	290,000	
	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	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 4.2.8 (22/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B7-Bq-21		Drainage O 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, Icelement : 4sand, 1Brick thickness	m2	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 ft		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 ft	unit	10	0	0	2,000,000	0	0	20,000,000	
Total for	10 unit							0	0	20,000,000	
Unit Cost for	1 unit							0	0	2,000,000	

Table 4.2.8 (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 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	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(Campbol)	m3	11	0	0	1,850,000	0	0	20350000	
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	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-2		Double Plywood 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-2-1	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(Campbol)	m3	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 m2				0	50,100	1,438,300	
Unit Cost for				1 m2				0	5,010	143,830	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-3		Aluminium 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-2-1	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(Campbol)	m3	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	34000	306000	
	M-K-37	Glue for Wood	kg	5	0	2,250	5,250	0	11250	26250	
	M-E-48	Nails for Wood	kg	2	0	2,400	5,600	0	4800	11200	
Others		Miscellaneous	L.S.					0	50	26	Round Up
Total for				10 m2				0	314,700	1,933,200	
Unit Cost for				1 m2				0	31,470	193,320	

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-4		Aluminium awakening		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 Awakening	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 4.2.8 (24/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B8-Bq-5		Aluminium Rolling 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-2-26	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	m ²	10	0	26,775	62,475	0	267,750	624,750	
Others		Miscellaneous	L.S.					0	50	50	Round Up
Total for				10 m ²				0	267,800	905,700	
Unit Cost for				1 m ²				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	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	Round Up
Total for				10 pieces				0	109,200	376,500	
Unit Cost for				1 pieces				0	10,920	37,650	

Table 4.2.8 (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						0	1200	14500	
		Miscellaneous	L.S.					0	0	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						0	1200	14500	
		Miscellaneous	L.S.					0	0	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						0	4800	15880	
		Miscellaneous	L.S.					0	0	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						0	4440	15040	
		Miscellaneous	L.S.					0	60	60	Round Up
Total for				10 pieces				0	115,500	391,100	
Unit Cost for				1 pieces				0	11,550	39,110	

Table 4.2.8 (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	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-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	Ventian Blind Door/Window Work of Teak Wood	m2	10	0	500	546,200	0	5000	5462000	
Others		Miscellaneous	L.S.					0	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	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	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	pcs	10	0	18,000	42,000	0	180,000	420,000	
Others		Tools Miscellaneous	L.S.					0	7200	21480	20 Round Up
Total for				10 pieces				0	187,200	558,500	
Unit Cost for				1 pieces				0	18,720	55,850	

Table 4.2.8 (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 40	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 4.2.8 (28/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-25		Aluminium 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	0.05	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	m2	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 m2				0	195,800	584,100	
Unit Cost for				1 m2				0	19,580	58,410	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-26		Louvre for Ventilation 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	
Working Base Cost											
	CW-2-69	Venitian Blind Door/Window Work of Teak Wood	m2	10	0	500	253,000	0	5000	2530000	
Others											
		Miscellaneous	L.S.					0	0	0	Round Up
Total for				10 m2				0	5,000	2,530,000	
Unit Cost for				1 m2				0	500	253,000	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-27		Mirror Stainless Steel Sheet t=1.2 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	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	m2	10.5	0	0	300,000	0	0	3,150,000	
Others											
		Tools	L.S.					0	0	126800.28	
		Miscellaneous	L.S.					0	0	93	Round Up
Total for				10 m2				0	0	3,296,900	
Unit Cost for				1 m2				0	0	329,690	

ID No.		Working Name		Calculation Quantity						Remarks	
S-B8-Bq-28		Aluminium Rolling Shutter (Motorize)		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	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	L.S.					0	60000	144680	
		Miscellaneous	L.S.					0	0	20	Round Up
Total for				10 m2				0	1,560,000	3,761,700	
Unit Cost for				1 m2				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	L.S.					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 4.2.8 (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 4.2.8 (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 4.2.8 (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	
		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	2400	
	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	9477	
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						0	5730	14170.28	
		Miscellaneous	L.S.					0	20	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	
		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 4.2.8 (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 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 8 mm thick (Natural Colour)	m ²	10.5	0	22500	52500	0	236,250	551,250	
Others		Tools	L.S.					0	10770	25930.28	Round Up
		Miscellaneous						0	80	13	
Total for				10 m ²				0	280,100	674,300	
Unit Cost for				1 m ²				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 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		Mirror of 5 mm thick	m ²	10.5	0	22917	53472	0	240,625	561,458	
Others		Tools	L.S.					0	9625	23258.61333	Round Up
		Miscellaneous						0	50	76	
Total for				10 m ²				0	250,300	604,800	
Unit Cost for				1 m ²				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 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 (Natural Colour)	m ²	10.5	0	10500	24500	0	110,250	257,250	
Others		Tools	L.S.					0	5730	14170.28	Round Up
		Miscellaneous						0	20	73	
Total for				10 m ²				0	149,000	368,500	
Unit Cost for				1 m ²				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 4.2.8 (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	L.S.	1			0	190.5	968.65	Roller, Stutwerk
			Miscellaneous	L.S.				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 4.2.8 (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	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-54	Nail for Lath	kg	2.5	0	1,650	3,850	0	4125	9625	
	M-C-59	Fiber Cement for Ceiling, 1200 x 1200 mm x 6 mm	m ²	10	0	1,800	4,200	0	18000	42000	
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	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-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 4.2.8 (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		Lumbering 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		Lumbering 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 4.2.8 (36/62) UNIT RATE CALCULATION TABLE OF BUILDING WORK

ID No.		Working Name		Calculation Quantity			Remarks				
S-B10-Bq-9		Wood Cornice for Lumbering 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)	m2	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 Lumbering 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	m3	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 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	0.13	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	m3	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 m2				0	269,400	1,503,500	
Unit Cost for				1 m2				0	26,940	150,350	

Table 4.2.8 (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											
	S-B8-Bq-1	Wood Frame for Ventilation	m3	0.03672	0	480	3,183,590	0	18	116,901	
Others			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	6,100,000	
Total for				10 m2				0	0	6,100,000	
Unit Cost for				1 m2				0	0	610,000	

Table 4.2.8 (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 4.2.8 (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 4.2.8 (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 4.2.8 (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 4.2.8 (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 4.2.8 (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 4.2.8 (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		General Lighting 36W-2		10			100,000	0	0	1,000,000	
	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											
Others		Tools	%	5				53,723	729	125,389	
		Miscellaneous	L.S.					28	86	30	Round Up
Total for		10 pieces						1,128,200	15,400	2,633,200	
Unit Cost for		1 pieces						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						0	0	5,280,000	
Unit Cost for		1 pieces						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						0	0	705,600	
Unit Cost for		1 pieces						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						0	0	12,830,600	
Unit Cost for		1 pieces						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						0	0	40,572,400	
Unit Cost for		1 pieces						0	0	4,057,240	

Table 4.2.8 (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 4.2.8 (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	
Others		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	
Others		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	
Others		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	
Others		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 4.2.8 (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 4.2.8 (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	
Others		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	
Others		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	
Others		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	
Others		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	
Others		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 4.2.8 (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	211,361	
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	