

BILL OF QUANTITIES

**PROJECT: GEMANAFUSHI SCHOOL
PROPOSED 03-STOREY BUILDING - STRUCTURE & FINISHING**

MAY -2015

PROJECT: GEMANAFUSHI SCHOOL
CONSTRUCTION OF 03 STOREY BUILDING
SUMMARY OF BILLS OF QUANTITIES

SL.NO	BILL NAME	AMOUNT (MRF)
1)	TOTAL OF BILL NO. 01 (PRELIMINARIES)	-
2)	TOTAL OF BILL NO. 02 (GROUND WORKS)	-
3)	TOTAL OF BILL NO. 03 (CONCRETE WORKS)	-
4)	TOTAL OF BILL NO. 04 (MASONRY & PLASTERING WORKS)	-
5)	TOTAL OF BILL NO. 05 (CEILING WORKS)	-
6)	TOTAL OF BILL NO. 06 (TILING WORKS)	-
7)	TOTAL OF BILL NO. 07 (PAINTING WORKS)	-
8)	TOTAL OF BILL NO. 08 (DOORS & WINDOWS WORKS)	-
9)	TOTAL OF BILL NO. 09 (METAL WORKS)	-
10)	TOTAL OF BILL NO. 10 (HYDRAULICS AND DRAINAGE)	-
11)	TOTAL OF BILL NO. 11 (ELECTRICAL INSTALLATIONS)	-
12)	TOTAL OF BILL NO. 12 (FIRE ALARMS)	-
13)	TOTAL OF BILL NO. 13 (ROOF)	-
14)	TOTAL OF BILL NO. 14 (ADDITION & OMISSION)	-
GRAND TOTAL		-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	Bill No: 01 <u>PRELIMINARIES</u>							
1.1	<u>General Notes</u>							
1)	<u>Abbreviations</u> m - meter No - numbers m3 - cubic meter m2 - square meter Lm - Linear meter t - tonnes incl - including mm - millimeter dia - diameter SS - Stainless Steel GI - Galvanised Iron							
1.2	<u>Site Management Costs</u> Allow for all on and off site management cost including costs of foreman and assistants, temporary services, telephone,fax,hoardings, Tools & Mechinaries rentals, Transportation charges for materials, Labors and similar.							
1)		1.00	item			-	-	-
1.3	<u>Sign Board</u>							
1)	Allow for sign board	1.00	no			-	-	-
1.4	<u>Clean - up</u>							
1)	Allow for clean - up of completed works and site upon completion.	1.00	item			-	-	-
TOTAL OF BILL NO. 01 (PRELIMINARIES) (CARRIED OVER TO THE GENERAL SUMMARY)								-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	Bill No: 02 <u>GROUND WORKS</u>							
2.1	<u>GENERAL</u> (a) Rates shall include for: leveling, grading, trimming, compacting to faces of excavation, keep sides plumb, backfilling, consolidating and disposing surplus soil.							
2.2	<u>SITE CLEARING</u> Clear the area of site from rubbish and vegetable matters, stumps, roots. Demolition shall be included (if any)	1.00	item			-	-	-
2.3	<u>EXCAVATION</u> Excavation quantities are measured to the faces of concrete members. Rates shall include for all additional excavation required to place the formwork, back fill, dewatering and others							
1)	Excavation for raft footings and Foundation beams	190.56	m ³			-	-	-
2.4	<u>BACK FILLING</u> (a) Rates shall include for: levelling, grading, trimming, compacting and similar. (b) Ground need to be compacted to the required density by the consultant.							
1)	Earth Filling as per given drawings	227.42	m ²			-	-	-
2.5	<u>DAMP PROOF MEMBRANE</u> (a) Rates shall include for: dressing around and sealing to all penetrations, laps and turnups							
1)	Polythene damp proof membrane (500 gauge) laid on blinding layer under Footing	129.60	m ²			-	-	-
						-	-	-
2)	Polythene damp proof membrane (500 gauge) laid on blinding layer under Ground Slab	388.38	m ²			-	-	-
2.6	<u>DEWATERING</u> This item shall include for all the piping, pumps, etc. Water needs to be pumped to an assigned area as per local regulation(if necessary).	1.00	Item			-	-	-
TOTAL OF BILL NO. 02 (GROUND WORKS) (CARRIED OVER TO THE GENERAL SUMMARY)								-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	Bill No: 03							
	<u>CONCRETE WORKS</u>							
	<u>General</u>							
	a) Rate shall include for: placing in position; making good after removal of formwork and casting in all required items; additional concrete required to conform to structural and excavated tolerances.							
	b) Mix ratio for reinforced concrete shall be 1:2:3							
1)	Allow for concrete testing	1.00	item			-	-	-
3.1	<u>Lean Concrete</u>					-	-	-
	50mm thick lean concrete under the raft footing with a mix of 1:2:6	129.60	m ²			-	-	-
3.2	<u>Reinforced Concrete</u>					-	-	-
	In-situ reinforced concrete to:					-	-	-
	*Add Mega Flow P for all Super Structure concrete					-	-	-
	*Add Mega ADD WL3 for all Sub Structure concrete					-	-	-
	*Apply the MOYA SHIELD RBE for all Structure below ground level as water proofing compound					-	-	-
3.2.1	<u>Foundation</u>					-	-	-
1)	Foundation Beam F1 - 1050x 1050x 300 mm	2.98	m ³			-	-	-
2)	Foundation Beam F2 - 1150x 1150x 300 mm	2.78	m ³			-	-	-
3)	Foundation Beam F3 - 1450 x 1450 x 300mm	4.42	m ³			-	-	-
4)	Foundation Beam F4 - 1350 x 1350 x 300mm	2.73	m ³			-	-	-
5)	Foundation Beam F5 - 1550 x 1550 x 300mm	4.32	m ³			-	-	-
6)	Foundation Beam F6 - 2200 x 2200 x 300mm	8.71	m ³			-	-	-
7)	Foundation Beam F7 - 2350 x 2350 x 300mm	1.66	m ³			-	-	-
8)	Foundation Beam F8 - 800 x 800 x 300mm	0.96	m ³			-	-	-
9)	Foundation Tie Beam TB1 - 250 x 450 mm	22.11	m ³			-	-	-
10)	Foundation Tie Beam TB2 - 250 x 450 mm	2.78	m ³			-	-	-
11)	Columns C1, 200 X 200 mm upto GFFL	1.60	m ³			-	-	-
12)	Columns C2, 200 X 400 mm upto GFFL	0.72	m ³			-	-	-
13)	Columns C3, 200 X 400 mm upto GFFL	0.18	m ³			-	-	-
14)	Columns SC, 150 X 150 mm upto GFFL	0.18	m ³			-	-	-
15)	Staircase upto Ground Floor Level	0.51	m ³			-	-	-
3.2.2	<u>Ground Floor</u>					-	-	-
1)	Columns C1, 200 X 200 mm up to 1st Slab	4.39	m ³			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
2)	Columns C2, 200 X 400 mm up to 1st Slab	1.89	m ³			-	-	-
3)	Columns C3, 200 X 400 mm up to 1st Slab	0.49	m ³			-	-	-
4)	Columns SC, 150 X 150 mm up to 1st Slab	0.48	m ³			-	-	-
5)	Staircase up to 1st Slab	5.12	m ³			-	-	-
6)	Ground Concrete - 100 mm thick	38.84	m ³			-	-	-
3.2.3	<u>First Floor</u>					-	-	-
1)	Attached beams B1, 200 X 450 mm	4.88	m ³			-	-	-
2)	Attached beams B2, 200 X 450 mm	0.49	m ³			-	-	-
3)	Attached beams B3, 200 X 450 mm	3.40	m ³			-	-	-
4)	Attached beams B4, 200 X 450 mm	2.14	m ³			-	-	-
5)	Attached beams B5, 200 X 550 mm	0.81	m ³			-	-	-
6)	Attached beams B6, 200 X 550 mm	2.07	m ³			-	-	-
7)	Floor Slab - 150 mm Thick	54.82	m ³			-	-	-
8)	Columns C1, 200 X 200 mm up to 2nd Slab	4.39	m ³			-	-	-
9)	Columns C2, 200 X 400 mm up to 2nd Slab	1.89	m ³			-	-	-
10)	Columns C3, 200 X 400 mm up to 2nd Slab	0.49	m ³			-	-	-
11)	Columns SC, 150 X 150 mm up to 2nd Slab	0.48	m ³			-	-	-
12)	Staircase up to 2nd Slab	5.12	m ³			-	-	-
3.2.4	<u>Second Floor</u>					-	-	-
1)	Attached beams B1, 200 X 450 mm	4.88	m ³			-	-	-
2)	Attached beams B2, 200 X 450 mm	0.49	m ³			-	-	-
3)	Attached beams B3, 200 X 450 mm	3.40	m ³			-	-	-
4)	Attached beams B4, 200 X 450 mm	2.14	m ³			-	-	-
5)	Attached beams B5, 200 X 550 mm	0.81	m ³			-	-	-
6)	Attached beams B6, 200 X 550 mm	2.07	m ³			-	-	-
7)	Floor Slab - 150 mm Thick	54.82	m ³			-	-	-
8)	Columns C1, 200 X 200 mm up to Roof Beam	4.39	m ³			-	-	-
9)	Columns C2, 200 X 400 mm up to Roof Beam	1.89	m ³			-	-	-
10)	Columns C3, 200 X 400 mm up to Roof Beam	0.49	m ³			-	-	-
11)	Columns SC, 150 X 150 mm up to Roof Beam	0.48	m ³			-	-	-
3.2.5	<u>Roof Level</u>					-	-	-
1)	Roof beams RB1, 200 X 450 mm	1.15	m ³			-	-	-
2)	Roof beams RB2, 200 X 450 mm	1.19	m ³			-	-	-
3)	Roof beams RB3, 200 X 400 mm	14.69	m ³			-	-	-
3.3	<u>Formwork</u>					-	-	-
	a) Rates shall include for: all necessary boarding, supports, erecting, framing, temporary cambering, cutting, perforations for reinforcing bars, bolts, straps, ties, hangers, pipes, removal of formwork and normal practices used.					-	-	-
3.3.1.	<u>Foundation</u>					-	-	-
1)	Foundation Beam F1 - 1050x 1050x 300 mm	11.34	m ²			-	-	-
2)	Foundation Beam F2 - 1150x 1150x 300 mm	9.66	m ²			-	-	-
3)	Foundation Beam F3 - 1450 x 1450 x 300mm	12.18	m ²			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
4)	Foundation Beam F4 - 1350 x 1350 x 300mm	8.10	m ²			-	-	-
5)	Foundation Beam F5 - 1550 x 1550 x 300mm	11.16	m ²			-	-	-
6)	Foundation Beam F6 - 2200 x 2200 x 300mm	15.84	m ²			-	-	-
7)	Foundation Beam F7 - 2350 x 2350 x 300mm	2.82	m ²			-	-	-
8)	Foundation Beam F8 - 800 x 800 x 300mm	4.80	m ²			-	-	-
9)	Foundation Tie Beam TB1 - 250 x 450 mm	177.98	m ²			-	-	-
10)	Foundation Tie Beam TB2 - 250 x 450 mm	21.62	m ²			-	-	-
11)	Columns C1, 200 X 200 mm upto GFFL	32.40	m ²			-	-	-
12)	Columns C2, 200 X 400 mm upto GFFL	10.80	m ²			-	-	-
13)	Columns C3, 200 X 400 mm upto GFFL	2.70	m ²			-	-	-
14)	Columns SC, 150 X 150 mm upto GFFL	4.73	m ²			-	-	-
15)	Staircase upto Ground Floor Level	7.43	m ²			-	-	-
						-	-	-
3.3.2.	<u>Ground Floor</u>					-	-	-
1)	Columns C1, 200 X 200 mm up to 1st Slab	87.84	m ²			-	-	-
2)	Columns C2, 200 X 400 mm up to 1st Slab	28.32	m ²			-	-	-
3)	Columns C3, 200 X 400 mm up to 1st Slab	7.32	m ²			-	-	-
4)	Columns SC, 150 X 150 mm up to 1st Slab	12.81	m ²			-	-	-
5)	Staircase up to 1st Slab	141.46	m ²			-	-	-
6)	Ground Concrete - 100 mm thick	9.86	m ²			-	-	-
						-	-	-
3.3.3.	<u>First Floor</u>					-	-	-
1)	Attached beams B1, 200 X 450 mm	77.87	m ²			-	-	-
2)	Attached beams B2, 200 X 450 mm	7.92	m ²			-	-	-
3)	Attached beams B3, 200 X 450 mm	45.36	m ²			-	-	-
4)	Attached beams B4, 200 X 450 mm	28.90	m ²			-	-	-
5)	Attached beams B5, 200 X 550 mm	6.00	m ²			-	-	-
6)	Attached beams B6, 200 X 550 mm	13.64	m ²			-	-	-
7)	Floor Slab - 150 mm Thick	321.06	m ²			-	-	-
8)	Columns C1, 200 X 200 mm up to 2nd Slab	87.84	m ²			-	-	-
9)	Columns C2, 200 X 400 mm up to 2nd Slab	28.32	m ²			-	-	-
10)	Columns C3, 200 X 400 mm up to 2nd Slab	7.32	m ²			-	-	-
11)	Columns SC, 150 X 150 mm up to 2nd Slab	12.81	m ²			-	-	-
12)	Staircase up to 2nd Slab	141.46	m ²			-	-	-
						-	-	-
3.3.4.	<u>Second Floor</u>					-	-	-
1)	Attached beams B1, 200 X 450 mm	77.87	m ²			-	-	-
2)	Attached beams B2, 200 X 450 mm	7.92	m ²			-	-	-
3)	Attached beams B3, 200 X 450 mm	45.36	m ²			-	-	-
4)	Attached beams B4, 200 X 450 mm	28.90	m ²			-	-	-
5)	Attached beams B5, 200 X 550 mm	6.00	m ²			-	-	-
6)	Attached beams B6, 200 X 550 mm	13.64	m ²			-	-	-
7)	Floor Slab - 150 mm Thick	321.06	m ²			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
8)	Columns C1, 200 X 200 mm up to Roof Beam	87.84	m ²			-	-	-
9)	Columns C2, 200 X 400 mm up to Roof Beam	28.32	m ²			-	-	-
10)	Columns C3, 200 X 400 mm up to Roof Beam	7.32	m ²			-	-	-
11)	Columns SC, 150 X 150 mm up to Roof Beam	12.81	m ²			-	-	-
3.3.5	<u>Roof Level</u>					-	-	-
1)	Roof beams RB1, 200 X 450 mm	13.64	m ²			-	-	-
2)	Roof beams RB2, 200 X 450 mm	13.20	m ²			-	-	-
3)	Roof beams RB3, 200 X 400 mm	171.44	m ²			-	-	-
3.4	<u>Reinforcement</u>					-	-	-
	a) Rates shall include for: cleaning, fabrication, placing, the provision for all necessary temporary fixings and supports including tie wire and chair supports, laps, and wastages.					-	-	-
3.4.1	<u>Foundation</u>					-	-	-
1)	Foundation Footing - F1 - 1050x1050x300 mm 12 mm dia bars	158.40	Kg			-	-	-
2)	Foundation Footing - F2 - 1150x1150x300 mm 12 mm dia bars	149.69	Kg			-	-	-
3)	Foundation Footing - F3 - 1450x1450x300 mm 12 mm dia bars	203.28	Kg			-	-	-
4)	Foundation Footing - F4 - 1350x1350x300 mm 12 mm dia bars	136.40	Kg			-	-	-
5)	Foundation Footing - F5 - 1550x1550x300 mm 12 mm dia bars	203.28	Kg			-	-	-
6)	Foundation Footing - F6 - 2200x2200x300 mm 16 mm dia bars	1,001.69	Kg			-	-	-
7)	Foundation Footing - F7 - 2350x2350x300 mm 16 mm dia bars	193.39	Kg			-	-	-
8)	Foundation Footing - F8 - 800x800x300 mm 12 mm dia bars	52.80	Kg			-	-	-
9)	Foundation Beam TB1 - 250x450mm 06 mm dia bars	319.09	Kg			-	-	-
	16 mm dia bars	1,251.42	Kg			-	-	-
10)	Foundation Beam TB2 - 250x450mm 06 mm dia bars	80.68	Kg			-	-	-
	16 mm dia bars	254.54	Kg			-	-	-
	20 mm dia bars	198.96	Kg			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
11)	Column - C1 - 200x200mm up to GFFL					-	-	-
	06 mm dia bars	32.95	Kg			-	-	-
	16 mm dia bars	494.86	Kg			-	-	-
						-	-	-
12)	Column - C2 - 200x400mm up to GFFL					-	-	-
	06 mm dia bars	22.30	Kg			-	-	-
	16 mm dia bars	219.94	Kg			-	-	-
						-	-	-
13)	Column - C3 - 200x400mm up to GFFL					-	-	-
	06 mm dia bars	3.24	Kg			-	-	-
	16 mm dia bars	27.49	Kg			-	-	-
						-	-	-
14)	Column - SC - 150x150mm up to GFFL					-	-	-
	06 mm dia bars	3.94	Kg			-	-	-
	10 mm dia bars	37.76	Kg			-	-	-
						-	-	-
15)	Staircase up to GFFL					-	-	-
	10 mm dia bars	160.21	Kg			-	-	-
						-	-	-
3.4.2	<u>Ground Floor</u>					-	-	-
1)	Column - C1 - 200x200mm up to 1st Slab					-	-	-
	06 mm dia bars	86.49	Kg			-	-	-
	16 mm dia bars	796.32	Kg			-	-	-
						-	-	-
2)	Column - C2 - 200x400mm up to 1st slab					-	-	-
	06 mm dia bars	58.54	Kg			-	-	-
	16 mm dia bars	353.92	Kg			-	-	-
						-	-	-
3)	Column - C3 - 200x400mm up to 1st Slab					-	-	-
	06 mm dia bars	8.50	Kg			-	-	-
	16 mm dia bars	44.24	Kg			-	-	-
						-	-	-
4)	Column - SC - 150x150mm up to 1st Slab					-	-	-
	06 mm dia bars	10.35	Kg			-	-	-
	10 mm dia bars	60.76	Kg			-	-	-
						-	-	-
5)	Staircase up to 1st Slab(2nos)					-	-	-
	10 mm dia bars	364.76	Kg			-	-	-
						-	-	-
6)	Ground floor concrete - 100 mm thick					-	-	-
	10 mm dia bars -T10@150 C/c	3,125.11	Kg			-	-	-
						-	-	-
3.4.3	<u>First Floor</u>					-	-	-
1)	Attached beams B1, 200 X 450 mm					-	-	-
	06 mm dia bars	120.52	Kg			-	-	-
	16 mm dia bars	546.93	Kg			-	-	-
						-	-	-
2)	Attached beams B2, 200 X 450 mm					-	-	-
	06 mm dia bars	14.28	Kg			-	-	-
	16 mm dia bars	93.60	Kg			-	-	-
						-	-	-
3)	Attached beams B3, 200 X 450 mm					-	-	-
	06 mm dia bars	199.89	Kg			-	-	-
	16 mm dia bars	1,031.87	Kg			-	-	-
						-	-	-
4)	Attached beams B4, 200 X 450 mm					-	-	-
	06 mm dia bars	86.15	Kg			-	-	-
	16 mm dia bars	69.52	Kg			-	-	-
	20 mm dia Bars	353.90	Kg			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
5)	Attached beams B5, 200 X 550 mm					-	-	-
	06 mm dia bars	18.02	Kg			-	-	-
	20 mm dia Bars	107.30	Kg			-	-	-
6)	Attached beams B6, 200 X 550 mm					-	-	-
	06 mm dia bars	77.22	Kg			-	-	-
	20 mm dia Bars	359.63	Kg			-	-	-
	25 mm dia Bars	154.00	Kg			-	-	-
7)	Floor Slab - 150 mm Thick					-	-	-
	10 mm dia bars	5,625.51	Kg			-	-	-
8)	Column - C1 - 200x200mm up to 1st Slab					-	-	-
	06 mm dia bars	86.49	Kg			-	-	-
	16 mm dia bars	796.32	Kg			-	-	-
9)	Column - C2 - 200x400mm up to 1st slab					-	-	-
	06 mm dia bars	58.54	Kg			-	-	-
	16 mm dia bars	353.92	Kg			-	-	-
10)	Column - C3 - 200x400mm up to 1st Slab					-	-	-
	06 mm dia bars	8.50	Kg			-	-	-
	16 mm dia bars	44.24	Kg			-	-	-
11)	Column - SC - 150x150mm up to 1st Slab					-	-	-
	06 mm dia bars	10.35	Kg			-	-	-
	10 mm dia bars	60.76	Kg			-	-	-
12)	Staircase up to 1st Slab(2nos)					-	-	-
	10 mm dia bars	364.76	Kg			-	-	-
3.4.4.	<u>Second Floor</u>					-	-	-
1)	Attached beams B1, 200 X 450 mm					-	-	-
	06 mm dia bars	120.52	Kg			-	-	-
	16 mm dia bars	546.93	Kg			-	-	-
2)	Attached beams B2, 200 X 450 mm					-	-	-
	06 mm dia bars	14.28	Kg			-	-	-
	16 mm dia bars	93.60	Kg			-	-	-
3)	Attached beams B3, 200 X 450 mm					-	-	-
	06 mm dia bars	199.89	Kg			-	-	-
	16 mm dia bars	1,031.87	Kg			-	-	-
4)	Attached beams B4, 200 X 450 mm					-	-	-
	06 mm dia bars	86.15	Kg			-	-	-
	16 mm dia bars	69.52	Kg			-	-	-
	20 mm dia Bars	353.90	Kg			-	-	-
5)	Attached beams B5, 200 X 550 mm					-	-	-
	06 mm dia bars	18.02	Kg			-	-	-
	20 mm dia Bars	107.30	Kg			-	-	-
6)	Attached beams B6, 200 X 550 mm					-	-	-
	06 mm dia bars	77.22	Kg			-	-	-
	20 mm dia Bars	359.63	Kg			-	-	-
	25 mm dia Bars	154.00	Kg			-	-	-
7)	Floor Slab - 150 mm Thick					-	-	-
	10 mm dia bars	5,625.51	Kg			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
8)	Column - C1 - 200x200mm up to 1st Slab					-	-	-
	06 mm dia bars	86.49	Kg			-	-	-
	16 mm dia bars	796.32	Kg			-	-	-
9)	Column - C2 - 200x400mm up to 1st slab					-	-	-
	06 mm dia bars	58.54	Kg			-	-	-
	16 mm dia bars	353.92	Kg			-	-	-
10)	Column - C3 - 200x400mm up to 1st Slab					-	-	-
	06 mm dia bars	8.50	Kg			-	-	-
	16 mm dia bars	44.24	Kg			-	-	-
11)	Column - SC - 150x150mm up to 1st Slab					-	-	-
	06 mm dia bars	10.35	Kg			-	-	-
	10 mm dia bars	60.76	Kg			-	-	-
3.4.5.	<u>Roof Level</u>					-	-	-
1)	Roof beams RB1, 200 X 450 mm					-	-	-
	6 mm dia bars	35.09	Kg			-	-	-
	16 mm dia bars	277.45	Kg			-	-	-
2)	Roof beams RB2, 200 X 450 mm					-	-	-
	6 mm dia bars	22.02	Kg			-	-	-
	16 mm dia bars	84.69	Kg			-	-	-
3)	Roof beams RB3, 200 X 400 mm					-	-	-
	6 mm dia bars	308.79	Kg			-	-	-
	16 mm dia bars	1,116.11	Kg			-	-	-
3.5	OTHER CONCRETE WORKS					-	-	-
3.5.1	(a) Rates shall include for: excavation, blinding, concrete, formwork and reinforcement as per drawings and specifications					-	-	-
1)	Complete supply and installation of lintel beam on top Door and Windows as per the given Specification and details.	1.00	Item			-	-	-
2)	Complete supply and installation of Sill beam on below the Windows as per the given specification and details.	1.00	Item			-	-	-
3)	Complete supply and installation of 850 mm high Parapet wall as per the given specification and details.	1.00	Item			-	-	-
4)	Constrction of 1200mm Dia: Ground water well with 100 mm thick RCC cover wall with R6@150mm c/c as per the given drawings	1.00	Item			-	-	-
5)	Constrction of 1800mm Dia Soak pit tank with 100 mm thick RCC cover wall & 175 mm cover slab with reinforcement as per the given drawings	1.00	Item			-	-	-
						-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
3.6	WATERPROOFING					-	-	-
3.6.1	(a) Rates shall include for: dressing around and sealing to all penetrations					-	-	-
	Apply Conmix Moya Proof HF waterproof memberane for under ground Water tank , terrace and toilet screed as specified.	1.00	Item			-	-	-
1)						-	-	-
	Application of damp proof membrane Conmix Moya Shield RBE on all underground concrete structures as shown in the drawing.	1.00	item			-	-	-
2)								
TOTAL OF BILL NO. 03 (CONCRETE WORKS) (CARRIED OVER TO THE GENERAL SUMMARY)								-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
4.1	<p>BILL No: 04</p> <p><u>MASONRY AND PLASTERING</u></p> <p><u>GENERAL</u></p> <p>(a) Rates shall include for: cleaning out cavities, forming rebated reveals and pointing and cleaning down to reveals where necessary; fractional size blocks, all necessary machine cutting, cutting or forming chases or edges of floor slabs, cutting or leaving holes and openings as recesses for and building in pipes, conduits, sleeves and similar as required for all trades; leaving surfaces rough or raking out joints for plastering and flashings, bedding frames or plates, building in joists, bearers or similar, temporary supports to openings, templates, reinforcement in walls and for all necessary making good</p> <p>(b) Rates shall include for providing approved quality mesh at joints between structural members and masonry in the exterior walls.</p> <p>(c) 150mm Thick solid blocks shall be used for exterior masonry walls, & 100 thick solid blocks shall be used for interior masonry wall</p> <p>(d) All blocks shall be fabricated from manufactured sand and machine pressed and average compression strength for blocks should not be less than 2.8N/mm² and shall comply with physical requirements of ISO 6073:1981.</p> <p>(e) For masonry, plastering and screeding works manufactured sand shall be used with prior approval of consultant.</p>							
4.1.1	<u>BLOCK WORK</u>							
1)	<u>BELOW GROUND FLOOR</u>							
	150 mm wide Solid block wall (external walls)	325.40	m ²			-	-	-
4.1.2	<u>GROUND FLOOR</u>							
1)	150 mm wide Solid block wall (external walls)	140.26	m ²			-	-	-
2)	100 mm wide Solid block wall, laid on and including mortar (internal walls)	204.94	m ²			-	-	-
4.1.3	<u>FIRST FLOOR</u>							
1)	150 mm wide Solid block wall (external walls)	137.96	m ²			-	-	-
2)	100 mm wide Solid block wall, laid on and including mortar (internal walls)	194.85	m ²			-	-	-
4.1.4	<u>SECOND FLOOR</u>							
1)	150 mm wide Solid block wall (external walls)	140.65	m ²			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
2)	100 mm wide Solid block wall, laid on and including mortar (internal walls)	178.16	m ²			-	-	-
4.1.5	<u>CABLE WALL</u>							
1)	150 mm wide Solid block wall (external walls)	20.35	m ²			-	-	-
4.2	<u>PLASTERING</u>							
4.2.1	<u>PLASTERING - EXTERNAL</u>							
	a) 25mm cement plastering on external walls and concrete surfaces with 1:4 Cement mortar mix as specified incl. wire mesh at joints of concrete surfaces and walls (first, second coats).							
1)	Below Ground Level	650.80	m ²			-	-	-
2)	Ground Floor	173.02	m ²			-	-	-
3)	First Floor	170.72	m ²			-	-	-
4)	Second Floor	173.41	m ²			-	-	-
5)	Cable Wall	40.70	m ²			-	-	-
4.2.3	<u>PLASTERING - INTERNAL</u>							
	a) 15mm cement plastering on internal walls and concrete surfaces with 1:4 Cement mortar mix as specified incl. wire mesh at joints of concrete surfaces and walls (one coat).							
1)	Ground Floor	626.46	m ²			-	-	-
2)	First Floor	611.43	m ²			-	-	-
3)	Second Floor	618.47	m ²			-	-	-
4.2.4	<u>CEMENT SCREED</u>							
A	50 mm thick Cement screed on top of slabs for General Areas.							
1)	Ground Floor	232.64	m ²			-	-	-
2)	First Floor	229.96	m ²			-	-	-
3)	Second Floor	229.36	m ²			-	-	-
B	35 mm thick Cement screed on top of slabs including Screed to slope to drains in toilets, Corridors etc.,					-	-	-
1)	Ground Floor	108.03	m ²			-	-	-
2)	First Floor	88.49	m ²			-	-	-
3)	Second Floor	88.49	m ²			-	-	-
C	35 mm thick Cement screed on top of the Riser & treads with Mid landing etc.,							
1)	Ground - First Floor	33.55	m ²			-	-	-
2)	First Floor - Second Floor	33.55	m ²			-	-	-
TOTAL OF BILL NO. 04 (MASONRY & PLASTERING WORKS)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	BILL No: 05 <u>CEILING WORKS</u>							
5.1	<u>GENERAL</u> (a) Rates shall include for: all labour in framing, notching and fitting around projections, light fittings, hatches, grilles and similar and complete with cleats, packers, wedges and similar and all nails and screws.							
5.1.1	CEILING Supply & Fixing the Acoustic ceiling system by using Boral Plaster board and suspended aluminium frame with proper support system for Toilets							
A								
1)	Ground Floor	12.22	m ²			-	-	-
2)	First Floor	25.60	m ²			-	-	-
						-	-	-
B	Supply & Fixing the Acoustic ceiling system by using Boral Plaster board and suspended aluminium frame with proper support system for Toilets					-	-	-
1)	Ground Floor	204.15	m ²			-	-	-
2)	First Floor	205.84	m ²			-	-	-
3)	Second Floor	205.24				-	-	-
						-	-	-
C	Supply & Fixing the suspended ceiling by using 10mm tk cement board with 50mm x 50 mm timber fram with 600 mm c/c grid supported in truss with proper support for holding the entire ceiling system etc.,					-	-	-
1)	Second Floor	189.08	m ²			-	-	-
						-	-	-
						-	-	-
TOTAL OF BILL NO. 05 (CEILING WORKS)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	<u>BILL NO: 06</u> <u>FINISHES</u>							
6.1	<u>GENERAL</u> (a) Rates shall include for: motar, fixing, bedding, grouting, and pointing materials; making good around pipes, sanitary fixtures, and similar; cleaning down and polishing. (b) All tiles used be of Lanka Tiles brand or similar as given in Technical Specifications (c) Contractor shall submit samples of all tiles for approval of Consultant prior to procurement (d) Where there may be any discrepancies between the drawings and bill of quantities, details given in the drawings shall precede. (e) All items are for supply and complete installation (f) All tiles shall be fixed using Conmix C-800 tile adhesive with proper water proofing(wherever necessary) application by using Conmix Moyaproof HF water proofing Memberane as per the manufacturer guidelines and instructions.							
6.2	<u>FLOOR FINISHES</u>							
6.2.1	600 x 600 mm Porcelain floor tiles in general areas and the price should be including skirting							
1)	Ground Floor	232.64	m ²			-	-	-
2)	First Floor	229.96	m ²			-	-	-
3)	Second Floor	229.36	m ²			-	-	-
						-	-	-
6.2.1	600 x 600 mm Non Skid Outdoor Ceramic floor tiles in Corridors and the price should be including skirting					-	-	-
1)	Ground Floor	96.91	m ²			-	-	-
2)	First Floor	62.99	m ²			-	-	-
3)	Second Floor	62.99	m ²			-	-	-
						-	-	-
6.2.2	300 x 300 mm Non-skid Ceramic floor tiles in toilets					-	-	-
1)	Ground Floor	11.12	m ²			-	-	-
2)	First Floor	25.50	m ²			-	-	-
3)	Second Floor	25.50	m ²			-	-	-
						-	-	-
6.2.3	Step tile for Staircase with Anti slip Aluminium Nosing Strip					-	-	-
1)	Ground - First Floor	33.55	m ²			-	-	-
2)	First - Second Floor	33.35	m ²			-	-	-
						-	-	-
6.3	<u>WALL FINISHES</u>					-	-	-
6.3.1	300 x 600 mm Ceramic wall tiles with waterproof adhesive up to Door Height					-	-	-
1)	Ground Floor	50.96	m ²			-	-	-
2)	First Floor	104.84	m ²			-	-	-
3)	Second Floor	104.84	m ²			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
6.4	WASH BASIN COUNTER TOPS					-	-	-
	Complete installation of counter tops of wash basin as per the given details including concrete base and finished by the 600mm x 600mm polished granite tile counter top by using tile adhesive and water proofing etc.,					-	-	-
	1) Ground Floor					-	-	-
	a For Toilet	2.00	nos			-	-	-
	b For Pantry	1.00	nos			-	-	-
						-	-	-
	2) First Floor					-	-	-
	a Water dispenser counter top	1.00	nos			-	-	-
	b Wash Basin counter top	1.00	nos			-	-	-
						-	-	-
	3) Second Floor					-	-	-
	a Water dispenser counter top	1.00	nos			-	-	-
	b Wash Basin counter top	1.00	nos			-	-	-
TOTAL OF BILL NO. 06 (TILING WORKS)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
7.1	<u>BILL NO: 07</u> <u>PAINTING</u>							
	<p>(a) Rates shall include for: the provision, erection and removal of scaffolding, preparation, rubbing down between coats and similar work, the protection and/or masking floors, fittings and similar work, removing and replacing door window furniture</p> <p>(b) All painting work shall be carried in accordance with the Specifications</p> <p>(c) The brand of paint used shall be SKK or Sigma for exterior walls & SKK, Crown or Nippon for interior walls</p> <p>(d) The colour and type of paint will be selected by the architect/client.</p>							
7.1.1	<u>WALLS</u>							
A	External painting 1 coat of wall sealer & 2 coats of paints							
1)	Ground Floor	185.00	m ²			-	-	-
2)	First Floor	170.72	m ²			-	-	-
3)	Second Floor	173.41	m ²			-	-	-
4)	Cable Wall	20.35	m ²			-	-	-
B	Internal Painting 1 coat of wall sealer & 2 coats of paints					-	-	-
1)	Ground Floor	560.64	m ²			-	-	-
2)	First Floor	490.57	m ²			-	-	-
3)	Second Floor	490.57	m ²			-	-	-
7.1.2.	<u>Ceilings</u>							
	Emulsion paint putty finish on concrete slab and beams, plywood / cement fibre board of all internal surfaces.							
	1 coat of primer & 2 coats of paints							
	Emulsion putty paint finish							
1)	Ground Floor	169.69	m ²			-	-	-
2)	First Floor	126.57	m ²			-	-	-
3)	Second Floor	189.08	m ²			-	-	-
TOTAL OF BILL NO. 07 (PAINTING WORKS)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	<u>Bill No: 08</u> <u>DOORS AND WINDOWS</u>							
8.1	<u>General</u> a) Rates shall include for: locks, latches, closers, push plates, pull handles, bolts, kick plates, hinges and all door & window hardware. b) All Aluminum windows shall be white powder(80 Micron) coated aluminium.and 5mm thick Blue tinted and 5mm frosted glass for W3 c) All timber doors shall be 40mm thick solid timber paneled door and 120mm timber frames made with red Marantie timber with varnish / Paint finish.							
8.2	<u>Timber Door units</u>							
1)	Solid Timber Panel Door D1 - 950mm x 2830 mm	21.00	nos			-	-	-
2)	Solid Timber Panel Door D2 - 950mm x 2830 mm	11.00	nos			-	-	-
3)	Solid Timber Panel Door D3 - 700mm x 2100 mm	12.00	nos			-	-	-
8.3	<u>Window Units</u>							
1)	Aluminium windows - W1 - 2440 x 1500mm	25.00	nos			-	-	-
2)	Aluminium windows - W1A - 1863 x 1500mm	3.00	nos			-	-	-
3)	Aluminium windows - W2 - 1575 x 1850mm	24.00	nos			-	-	-
4)	Aluminium windows - W3 - 700 x 1150mm	13.00	nos			-	-	-
5)	Shading Device-(Type-I) - 3000 x 650 mm	33.00	nos			-	-	-
6)	Shading Device-(Type-II) - 1800 x 650 mm	6.00	nos			-	-	-
8.4	<u>Main entrance gate (GI)- boundary</u>							
	Supply and Installation of 1250mm heigh entrance gate(Rear) with complete finishing as per drawing	1.00	item			-	-	-
						-	-	-
TOTAL OF BILL NO. 08 (DOORS & WINDOWS WORKS) <i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	Bill No: 09							
	<u>METAL WORKS</u>							
9.1	<u>General</u> a) Rates shall include for: all fabrication work, welding, marking, drilling for bolts incl. those securing timbers, steel plates, bolts, nuts and any type of washer, riveted work, counter sinking and tapping for bolts or machine screws. b) Rates shall include for fabrication and erection and temporary supports and fixing into position.							
9.2	<u>Staircase Hand railing</u>							
A	40mm dia (2 no) top & Bottom member, 25mm dia vertically including bolts, washers and fixing to reinforced concrete as shown in the drawing.							
	Stair - A							
1)	Ground - First Floor	6.80	Rmtr			-	-	-
2)	First - Second Floor	8.30	Rmtr			-	-	-
						-	-	-
	Stair - B					-	-	-
1)	Ground - First Floor	6.80	Rmtr			-	-	-
2)	First - Second Floor	8.30	Rmtr			-	-	-
						-	-	-
B	50mm dia (2 no) top member Hrozantally & 25mm dia Vertical etc, including bolts, washers and fixing to reinforced concrete as shown in the drawing.					-	-	-
						-	-	-
1)	Ground Floor	1.00	Item			-	-	-
2)	First Floor	1.00	Item			-	-	-
3)	Second Floor	1.00	Item			-	-	-
						-	-	-
9.3	<u>ROOF TRUSS</u>							
9.3.1	Roof truss made with 60.3x 2.5 CHS GI pipe top and bottom chord and 42.4 x 2 .0 CHS GI pipe bracing chord as per the given drawings					-	-	-
1)	TR1 (span 12200mm)	12.00	Nos			-	-	-
2)	60.3x 2.5 CHS GI pipe for Bracing	35.25	Mtr			-	-	-
						-	-	-
9.4	<u>C10010 Purlins with Steel purlins @900 c/c connected with 50mm x 50 mm cleat angle as per the given drawings</u>							
1)		564.00	Mtr			-	-	-
TOTAL OF BILL NO. 09 (METAL WORKS)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	Bill No: 10							
	<u>HYDRAULICS & DRAINAGE</u>							
10.1	<u>General</u>							
	a) Rates shall include for: sockets, running joints, connections, elbows, junctions, reducers, expansion joints; backnuts and similar; incidental fittings, clips, saddles, brackets, straps, hanges, screws, nails and fixing complete, including cutting and forming holes; excavating, laying pipes and backfilling trenches.							
10.2	<u>Rain Water Pipe works</u>							
1)	Allow for Rain water discharge as shown in drawings	1.00	item			-	-	-
						-	-	-
10.3	<u>Ground water supply pipework</u>							
1)	Ground water supply pipework					-	-	-
	Allow for water connection to fixtures from Ground water well	1.00	item			-	-	-
						-	-	-
10.4	<u>Sanitary Fixtures & Accessories</u>							
	Sanitary Fixtures complete including brackets flush pipes, overflows, plugs and washers etc.					-	-	-
						-	-	-
	1) All toilet fittings shall be "Cotto" or equivalent - chrome plated					-	-	-
	2) All toilet fixtures shall be "Watertec" or equivalent brand.					-	-	-
	4) All kitchen sinks shall be of SS type with chrome plated taps.					-	-	-
	5) All water pumps shall be of "Davey" brand or equivalent.					-	-	-
1)	Water Closet	8.00	nos			-	-	-
2)	Wash basin	5.00	nos			-	-	-
3)	Wash basin tap	5.00	nos			-	-	-
4)	Muslim Shower	8.00	nos			-	-	-
5)	Floor waste with gully trap	15.00	nos			-	-	-
7)	Mirror with accessories	3.00	nos			-	-	-
8)	Wash basin Tap	9.00	nos			-	-	-
9)	Supply & Installation of Water Dispenser	2.00	item			-	-	-
						-	-	-
10.5	<u>Pumping System</u>							
	Supply and installation of water pump complete including connecting valves to pipework and electricity as per requirements.					-	-	-
1)	Ground water pump	1.00	Item			-	-	-
						-	-	-
10.6	<u>Drainage</u>							
	<u>Discharge pipework</u>							
1)	All pipework connection from fixtures and upto the inspection chamber and Soak pit	1.00	item			-	-	-
						-	-	-
2)	Constructing Inspection Chamber of required size with all provisions to connect pipelines as per drawing.	2.00	nos			-	-	-
						-	-	-
TOTAL OF BILL NO. 10 (HYDRAULICS AND DRAINAGE)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	Bill No: 11							
	<u>ELECTRICAL INSTALLATIONS</u>							
11	<u>General</u> a) Rates shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories. b) Rate shall include for electrical conduits, fittings, equipment and similar all fixings c) Each light / light fixture and its switches shall measure as one one point: similarly each sockets or each fans shall measured as one point. d) Rate shall include for supply and complete installation of all floors.							
11.2	<u>Main Connection</u> Allow for three phase main connection from STELCO board to Panel board	1.00	item			-	-	-
11.3	<u>Electrical boards</u> Complete installation incl. for all connection earthing, painting, testing and similar of;					-	-	-
1)	Main panel board	1.00	Item			-	-	-
2)	DB	3.00	nos			-	-	-
11.4	<u>Electrical wiring</u> Electrical wiring with copper conductor cable in conduits in walls and slab as specified to;					-	-	-
1)	1.5mm2 Wiring to light fixtures and its switches	239.00	points			-	-	-
2)	2.5mm2 Wiring to Fans and Dimmer switches	122.00	points			-	-	-
3)	Cabling to Main Distribution boards	3.00	points			-	-	-
4)	Cabling to Telephone sockets	8.00	points			-	-	-
5)	Cabling to Television sockets	8.00	points			-	-	-
6)	Cabling to Multimedia Projector	8.00	points			-	-	-
7)	Cabling to Speaker	21.00	points			-	-	-
11.5	<u>Ceiling Fans</u> " KDK" or similar of 1200MM dia.	42.00	nos			-	-	-
1)	Complete (V01b)					-	-	-
2)	Fan Dimmer Switch (P23)	42.00	nos			-	-	-
11.6	<u>Lighting</u> 2x36 W Fluorescent Lamps in Surface Mount Luminaire with diffuser(L07)	92.00	nos			-	-	-
1)	2x36 W Fluorescent Lamps in Surface Mount Luminaire with diffuser(L07)					-	-	-
2)	Wall Mount Energy Saving light(L09)	8.00	nos			-	-	-
3)	1 x 26 Compact Fluorescent in Recessed Decorative Luminaire(L10)	33.00	nos			-	-	-
4)	1 x 60 W Incandescent Lamps in recessed Decorative Luminaire(L15)	44.00	nos			-	-	-
5)	1 x 60 W Incandescent Lamps in Surface Mount Decorative Luminaire(L17)	12.00	nos			-	-	-
6)	Mechanical Ventilator (V02)	8.00	nos			-	-	-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
11.7	Socket outlets All sockets shall be "Clipsal" / "ABB" or equivalent					-	-	-
1)	1Gang 13A Socket(P01)	12.00	nos			-	-	-
2)	1Gang 13A Socket at Ceiling Level(P16)	8.00	nos			-	-	-
3)	2Gang 13A Socket(P02)	85.00	nos			-	-	-
4)	1Gang 15A Socket (P15)	17.00	nos			-	-	-
5)	Telephone Outlet(T01)	8.00	nos			-	-	-
6)	computer Network Outlet(T02)	8.00	nos			-	-	-
7)	Multimedia Projector (MP01)	8.00	nos			-	-	-
8)	TV point(T10)	8.00	nos			-	-	-
9)	Speaker(T11)	21.00	nos			-	-	-
10)	VGA cable(VGA01)	8.00	nos			-	-	-
11)	VGA cable at Ceiling Level(VGA02)	8.00	nos			-	-	-
11.8	Light Switches All switches shall be "Clipsal"/ "ABB" or equivalent					-	-	-
1)	1 Gang 1 Way (P19)	79.00	nos			-	-	-
2)	2 Gang 1 Way (P20)	73.00	nos			-	-	-
3)	3 Gang 1 Way (P21)	41.00	nos			-	-	-
4)	4 Gang 1 Way (P22)	8.00	nos			-	-	-
						-	-	-
						-	-	-
						-	-	-
TOTAL OF BILL NO. 11 (ELECTRICAL INSTALLATIONS)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
13.1	Bill No 12- FIRE FIGHTING SYSTEM							
	GENERAL							
	(a) Rates shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories.							
	(b) Rates for work in trench shall include for: excavation, maintaining faces of excavations, backfilling, compaction, appropriate cable covers, warning tape and disposal of surplus spoil.							
	(c) Rates for conduits, fittings, equipment and similar items shall include for: all fixings to various building surfaces.							
	(d) Rates shall include for supply and complete installation.							
	13.2 FIRE ALARM SYSTEM							
	1) Break Glass Manual Call Point(F02)	3.00						
	2) Smoke detector(F03)	32.00						
	3) Fire Alarm Bell(F05)	3.00						
13.2	4) Junction box (F06)	3.00						
	5) Portable Extinguisher -H2O(F07)	3.00						
	6) Portable Extinguisher -CO2(F08)	3.00						
	7) Conventional Fire Alarm Panel(F10)	1.00						
	8) Exit Sign(F12)	24.00						
TOTAL OF BILL NO. 12 (FIRE ALARMS)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								-

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	<p align="center"><u>Bill No: 13</u> <u>ROOF</u></p> <p><u>GENERAL</u> (a) Rates shall include for: fair edges, dressing over angel fillets, turning into grooves, all other labours, circular edges, nails, screws and other fixings and laps.</p> <p>12.2 ROOF COVERING BHP Lysaght Trimdek Hi-Ten or equivalent roofing sheet, including all fixings, fixed in accordance with manufacturer's instructions.</p> <p>1) 469.05 m2</p> <p>2) 469.05 m2</p> <p>12.3 CAPPING AND FLASHING</p> <p>1) 35.40 Rmt</p> <p>2) 26.50 Rmt</p> <p>3) 70.80 Rmt</p> <p>12.4 DOWN PIPE</p> <p>1) 1.00 item</p> <p>12.5 GUTTER</p> <p>1) 70.80 Rmt</p>							
TOTAL OF BILL NO. 13 (ROOF)								-
<i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								

SL.NO	DESCRIPTION	QTY	UNIT	LABOUR RATE	MATERIAL RATE	LABOUR AMOUNT	MATERIAL AMOUNT	TOTAL AMOUNT
	<u>Bill No 14- ADDITIONS AND OMISSIONS</u>							
14.1	<u>ADDITIONS</u>							
1)	Bill 01- Preliminaries					-	-	-
2)	Bill 02- Ground works					-	-	-
3)	Bill 03- Concrete works					-	-	-
4)	Bill 04- Masonry & Plastering works					-	-	-
5)	Bill 05- Ceiling works					-	-	-
6)	Bill 06- Tiling works					-	-	-
7)	Bill 07- Painting					-	-	-
8)	Bill 08- Doors & windows Works					-	-	-
9)	Bill 09- Metal works					-	-	-
10)	Bill 10- Hydraulics & Drainage works					-	-	-
11)	Bill 11- Electrical installation					-	-	-
12)	Bill 12- Fire fighting system					-	-	-
13)	Bill 13- Roofing works					-	-	-
	TOTAL							-
16.20	<u>OMISSIONS</u>							
1)	Bill 01- Preliminaries					-	-	-
2)	Bill 02- Ground works					-	-	-
3)	Bill 03- Concrete works					-	-	-
4)	Bill 04- Masonry & Plastering works					-	-	-
5)	Bill 05- Ceiling works					-	-	-
6)	Bill 06- Tiling works					-	-	-
7)	Bill 07- Painting					-	-	-
8)	Bill 08- Doors & windows Works					-	-	-
9)	Bill 09- Metal works					-	-	-
10)	Bill 10- Hydraulics & Drainage works					-	-	-
11)	Bill 11- Electrical installation					-	-	-
12)	Bill 12- Fire fighting system					-	-	-
13)	Bill 13- Roofing works					-	-	-
	TOTAL							-
	TOTAL (Addition - Omission)							-
TOTAL OF BILL NO. 14 (ADDITION & OMISSION) <i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>								-