

# Shree Manikamdevi Secondary School

Dharche-4,Laprak Gorkha

## Abstract of Cost - Civil Works

Name of Project : School Construction Project

Technical and financial support: Ganesh Himal Association (Les Amis De Laprak)

Name of School : Shree Manikam Devi Secondary School

Location :Dharche-4,Laprak, Gorkha

Type of Building : 3 Story RCC Boys Hostel

Fiscal Year : 2077/78

Item No.	Description of Works	Unit	Quantity	Rate	Amount
				(NPR)	(NPR)
<b>1</b>	<b>EARTH WORKS</b>				
<b>1.1</b>	<b>SITE CLEARANCE &amp; MOBILIZATION :</b>				
	Clearing and grubbing the site for construction by removing 150mm thick top soil including bushes, small trees, leveling of undulated ground, shorting and stacking/storing selected top soil for reuse in landscaping works, disposing unsuitable materials from site, etc., all complete as per drawings, specifications and instructions of the Engineer.	sq.m	450.00	17.71	7,969.50
<b>1.2</b>	<b>EARTHWORK IN EXCAVATION :</b>				-
	Excavation in foundations in all type of soils for foundation, trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	cu.m	198.14	555.17	110,001.38
<b>1.3</b>	<b>EARTH BACK FILLING :</b>				-
	Back filling in foundation and sides of foundation with approved soil obtained from the excavation at site and stacked at site or brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	cu.m	201.34	386.50	77,819.07
<b>1.4</b>	<b>STONE SOLING</b>				-

Item No.	Description of Works	Unit	Quantity	Rate	Amount
				(NPR)	(NPR)
	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, under floor plinth with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	cu.m	61.28	3,465.25	212,350.52
<b>2</b>	<b>CONCRETE WORKS</b>				-
<b>2.1</b>	<b>P.C.C</b>				
<b>2.1.1</b>	<b>P.C.C (1:3:6) Works</b>				-
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6 (1 cement : 3 sand : 6 coarse aggregate ) for leveling course in foundations and under floor of building, etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	cu.m	13.36	20,444.86	273,143.33
<b>2.1.2</b>	<b>P.C.C (1:2:4) Works</b>				
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:2:4 (1 cement : 2 sand : 4 coarse aggregate ) for leveling course in foundations and under floor of building, etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	cu.m	18.36	22,173.91	407,112.99
<b>2.2</b>	<b>P.C.C. FOR R.C.C. WORKS</b>				-
	Providing and laying in position machine mixed and machine vibrated cement concrete of mix 1:1.5:3 (1 cement:1.5 sand: 3 coarse aggregate) M20 grade for reinforced cement concrete work using approved cement with 20 mm graded machine crushed stone aggregate of approved quality in various locations and heights including transportation of concrete to site of placing, compaction, finished to required line and level, protection and curing, etc. all complete as per drawings, specifications and the instructions of the Engineer, but excluding the cost of centering, shuttering, and reinforcement, but including the cost of admixtures in recommended proportions (as per IS:9103) to accelerate, retard setting of concrete improve workability, improve strength without impairing strength and durability as per direction of Engineer.	cu.m	190.03	26,074.65	4,954,965.74
<b>2.3</b>	<b>STEEL REINFORCEMENT</b>				-

Item No.	Description of Works	Unit	Quantity	Rate	Amount
				(NPR)	(NPR)
	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and for the bar length exceeding 10 meter in length shall be measured for the payment).	Mt.	22.81	125,661.00	2,866,327.41
<b>2.4</b>	<b>FORM WORKS</b>				-
	Supplying and laying centering, shuttering of various pattern formworks with 19/12 mm thick water proof ply wood & steel adjustable props for all kinds of RCC works for foundations, columns, shear walls, beams, slab, staircase, lintel, sill, pergola, including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying De-shuttering chemical, De-shuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer.	sq.m	1,667.08	1,149.86	1,916,902.04
<b>3</b>	<b>BRICK/STONE MASONRY WORKS</b>				-
<b>3.1</b>	<b>STONE MASONRY WORKS ( 1 : 6 c/s )</b>				-
	Providing and laying Stone Masonry wall in cement mortar 1:6 (1 cement : 6 coarse sand) in foundation up to plinth, superstructure and other specified places in all heights and level including the cost of single or multi stage scaffolding, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	cum	32.75	13,974.31	457,658.81
<b>3.2</b>	<b>BRICK MASONRY WORKS ( 1 : 6 c/s )</b>				-
	Providing and laying first class chimney fired brick of one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) in foundation up to plinth, superstructure and other specified places in all heights and level including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	cu.m	124.89	22,520.64	2,812,602.73
<b>3.3</b>	<b>HALF BRICK WORKS ( 1 : 6 c/s )</b>				-
	Providing and laying first class chimney fired brick of half brick work masonry in cement mortar 1:6 (1 cement:6 sand) in superstructure and Parapet wall with approved first class fired bricks in perfect line & level, required size and shape at any height and level, all complete as per design, drawing, specifications instructions of the Engineer.	cu.m	5.21	22,520.64	117,332.53

Item No.	Description of Works	Unit	Quantity	Rate	Amount
				(NPR)	(NPR)
<b>4</b>	<b>DOORS &amp; WINDOWS WORKS</b>				-
<b>4.1</b>	<b>METAL FRAME</b>				-
	Providing and fixing in position in required line and level cold roll formed metal door frame manufacture from galvanized iron sheet of 1.6 mm thick and width of 232 mm including hinges, jamb, lock jamb, head, base ties pressed GI welded on rigidly fixed together by mechanical means, adjustable lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with mortar guards, reinforcing to door hardware, strike-plate, shock absorbers as required, factory applied powder coated paint etc., all complete as per drawings, specification and instruction of the Engineer.				
<b>4.1.1</b>	Doors	r.m.	116.55	877.39	102,260.25
<b>4.1.2</b>	Windows	r.m.	577.20	988.11	570,339.09
<b>4.2</b>	<b>DOOR AND WINDOW SHUTTER</b>				-
<b>4.2.1</b>	<b>Doors</b>				-
	Providing, fabrication and installation in position cold roll formed metal door shutter made with galvanized iron sheet of 1.0 mm thick and width of 100 mm to required size and shape stiles and mullions, infill panel filled with 1.0mm thick galvanized iron sheet with stiffening strips including the required numbers and sizes hardware like hinges, tower-bolts, handles, aldrops with pad-lock, rubber stopper applying powder coated paint of approved make, etc., all complete as per drawings, specification and instruction of the Engineer.	sq.m	41.90	3,785.82	158,606.82
<b>4.2.2</b>	<b>Windows</b>				-
	Providing, fabrication and installation in position cold roll formed glazed window and ventilator shutter made with galvanized iron sheet of 1.1 mm thick and width of 180 mm in required size and shape including glazing with 5 mm thick clear float glass with glazing beads, washer and special glazing putty, required numbers and sizes hardware like hinges, tower-bolts, handles, eye-hook, applying powder coated paint of approved make, etc., all complete as per drawings, specification and instruction of the Engineer.	sq.m	141.98	6,897.96	979,372.44
<b>5</b>	<b>FLOORING WORKS</b>				-
<b>5.1</b>	<b>CEMENT CONCRETE FLOOR</b>				-
	Providing, laying in required line, level and pattern 40 mm thick IPS floor finish with cement concrete of mix 1:2:4 (1 cement : 2 sand : 4 crushed stone aggregate 12 mm and down grade) laid in alternate panel or providing PVC dividing strips and finished with approved floor hardener (Dreitop FH of equivalent floor hardener) applied as per manufacturer's instructions including mixing laying in required slope, intrigal finishing using appropriate power trowelling equipment, etc. all complete as per drawing, specification and instructions of the Engineer.	sq.m	744.00	1,025.78	763,183.30
<b>5.2</b>	<b>NEAT CEMENT SKIRTING</b>				-

Item No.	Description of Works	Unit	Quantity	Rate	Amount
				(NPR)	(NPR)
	- do - as above, but for 100 mm high skirting.	r.m	453.13	128.22	58,101.69
<b>6</b>	<b>PLASTERING/ WALL FINISHING WORKS</b>				-
<b>6.1</b>	<b>CEMENT PLASTER WORKS</b>				-
<b>6.1.1</b>	<b>ON INNER WALL (1:4):</b>				-
	Providing and applying at all levels and shape 12.5 mm thick cement plaster in building exterior in specified cement mortar with 1:4 (1 cement :4 fine sand) in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, providing chicken wire mesh at the junction of concrete and masonry etc., all complete as per drawing , specification and instruction of the Engineer.	sq.m	1,384.79	494.29	684,485.13
<b>6.1.2</b>	<b>ON CEILING (1:4)</b>				-
	12.5.mm, thick cement and sand plaster work of mix 1:4 (1 cement & 4 sand) in concrete surface, ceiling surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, providing and fixing 200 mm wide 24 gauge GI Chicken wire mesh at junction of R.C.C. and masonry, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, etc. all complete as per drawing , specification and instruction. [Rate shall also include for providing drips band, moulds, groove, chicken wire mesh at junction of RCC and masonry, etc., to complete the works at any heights.	sq.m	564.02	557.19	314,267.74
<b>6.2</b>	<b>ON OUTER WALL (1:4):</b>				-
<b>6.2.1</b>	Providing and applying at all levels and shape 20 mm thick cement plaster in building exterior in specified cement mortar with 1:4 (1 cement :4 fine sand) in all surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, providing chicken wire mesh at the junction of concrete and masonry etc., all complete as per drawing , specification and instruction of the Engineer.	sq.m	498.91	619.97	309,309.52
<b>6.3</b>	<b>DISTEMPER PAINT</b>				-
	Providing and applying two or more coats of washable distemper paint of approved manufacturer and shade over a coat of alkali resistant cement primer of approved manufacturer as per manufacturer's specifications to the surface of wall, ceiling, beams columns, canopies, staircase, lobbies etc., all complete as per drawings, specifications and instruction. The rates shall include for scraping, washing the surface with water, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the Engineer.	sq.m	1,948.82	176.18	343,351.94

Item No.	Description of Works	Unit	Quantity	Rate	Amount
				(NPR)	(NPR)
<b>6.4</b>	<b>EXTERIOR WEATHER COAT PAINT</b>				-
	Providing and applying two or more coats of first quality hundred percent acrylic paint of approved shade and pattern to the exterior walls of buildings etc., The rates shall include for scrapping , washing the surface with water, applying a coat of approved quality water base cement primer, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the Engineer	sq.m	498.92	243.07	121,272.60
<b>6.5</b>	<b>ENAMEL PAINT</b>				
	Providing and applying by spray/brush two or more coats of 1st quality synthetic enamel paint of approved manufacturer (Asian, Berger or equivalent) over wooden or metal surface in required shade at any height, shape, including surface preparation, fillers/putty, scaffolding, protection etc. all complete as per drawings, specifications and instructions. The finished surface shall give even and uniform surface.	sq.m	409.65	318.48	130,463.75
<b>7.0</b>	<b>RAILING</b>				
<b>7.1</b>	<b>RAILING IN STAIRCASE</b>				
	Providing, fabrication as per design drawings and installation in position Mild Steel railing in staircase, verandah and other areas including cutting to required shape and size, welding joints, installation of base anchor plates of appropriate size with required numbers of expansion bolts of required size, providing required size bends, finishing weld joints to produce smooth surface, applying one coat of metal primer and two or more coats of enamel paint of required shade, etc., all complete as per drawings, specifications and instruction of the Engineer.	Kg	155.12	190.84	29,602.73
<b>8</b>	<b>ROOFING/ TERRACING WORKS</b>				-
<b>8.1</b>	<b>METAL WORKS(TRUSS)</b>				-
	Providing and fixing square hollow section roof trusses with rafters, purlins, wind ties, brackets etc., made with required grade mild steel tubes and mild steel sections of required sizes, including hoisting, fixing in position with MS bed plates, shoe angles, anchor bolts etc., and concrete grouting, concreting nut bolts, fabrication, fixing and treated with two coats of anticorrosive paints all complete as per drawings, specifications and instructions of the Engineer. Rate shall include preparing shop drawings, obtaining Engineer's or Client's approval, supplying, fabricating, delivering at site, hoisting and fixing in position, temporary staging, preparation of surface, applying Zinc chromate/Phosphate primer of one coat before and one coat after erection including two coats of synthetic enamel paint of approved make and color etc. all complete as per drawing, specification and instruction of the Engineer.	kg	6,341.22	198.82	1,260,764.71
<b>8.2</b>	<b>CGI SHEET ROOFING</b>				-

Item No.	Description of Works	Unit	Quantity	Rate	Amount
				(NPR)	(NPR)
	Providing materials and construction Roof with CGI Color corrugated coloured sheet(0.5mm thick) etc. all complete as per drawing, specification and instruction of the Engineer.	sq.m	382.26	1,327.93	507,614.45
<b>8.3</b>	<b>CGI SHEET ROOFING RIDGE</b>				-
	Providing materials and construction Ridge with CGI Color coloured sheet(0.5mm thick)etc. all complete as per drawing, specification and instruction of the Engineer.	r.m	27.54	957.68	26,374.47
<b>9</b>	<b>MISCELLANEOUS</b>				-
<b>9.1</b>	<b>12 MM GYPSOM FALCE CELLING</b>	sq.m	261.56	1,866.66	488,243.74
<b>9.2</b>	<b>CEMENT BOARD PARTITION</b>	sq.m	39.97	3,026.80	120,966.58
<b>9.3</b>	<b>CHANNEL GATE</b>	nos	2.00	10,000.00	20,000.00
	<b>Total of Civil &amp; Architectural Works(including VAT) for one Building:</b>				<b>21,202,767.01</b>
	<b>For Sanitary Works@ 1.5%</b>				<b>318,041.51</b>
	<b>For Electrification Work@ 1.5%</b>				<b>318,041.51</b>
	<b>Total</b>				<b>21,838,850.02</b>

# Shree Manikamdevi Secondary School

Dharche-4,Laprak Gorkha

## Detail Quantity Calculation Sheet

Name of Project : School Construction Project

Technical and fininal support: Ganesh Himal Association (Les Amis De Laprak)

Name of School : Shree Manikam Devi Secondary School

Location :Dharche-4,Laprak, Gorkha

Type of Building : 3 Story RCC Boys Hostel

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
<b>1</b>	<b>EARTH WORKS</b>						
<b>1.1</b>	<b>Site Clearance</b>	1	450.00	Area		450.00	
		<b>Total of Site Clearance</b>				<b>450.00</b>	<b>sq.m</b>
<b>1.2</b>	<b>Earth Work Excavation</b>						
	For Isolated Foundation F1	4	1.65	1.65	1.50	16.34	
	For Isolated Foundation F2	8	2.15	2.15	1.50	55.47	
	For Combine Foundation CF1	2	3.719	2.150	1.50	23.99	
	For Combine Foundation CF2	4	4.043	2.475	1.50	60.04	
	For Lower Tie Beam						
	Along Grid A,F	2	5.20	0.53	0.90	4.96	
	Along Grid B,C,D,E	4	4.38	0.53	0.90	8.35	
	Along Grid 1,4	2	14.10	0.53	0.90	13.45	
	Along Grid 2,3	2	12.30	0.53	0.90	11.73	
	Outer Steps	1	4.35	0.67	0.15	0.44	
	Below Ramp slab						
	Side support	1	2.74	0.50	0.45	0.62	
	Side support	2	5.00	0.50	0.55	2.75	
		<b>Total of Earth Work Excavation</b>				<b>198.14</b>	<b>cu.m</b>
<b>1.3</b>	<b>Earth Back Filling</b>						
	<b>Total of Earth work Excavation</b>					198.14	
	<b>For Isolated Foundation</b>						
	Boulder Soiling						
	F1	4	1.650	1.650	0.15	-1.63	
	F2	8	2.150	2.150	0.15	-5.55	
	CF1	2	3.719	2.150	0.15	-2.40	
	CF2	4	4.043	2.475	0.15	-6.00	
	<b>PCC</b>						
	F1	4	1.65	1.65	0.08	-0.82	
	F2	8	2.15	2.15	0.08	-2.77	
	CF1	2	3.719	2.15	0.08	-1.20	
	CF2	4	4.043	2.475	0.08	-3.00	
	<b>RCC</b>						
	Isolated footing F1						
	Rectangular Base	4	1.50	1.50	0.28	-2.48	
	Isolated footing F2						
	Rectangular Base	8	2.00	2.00	0.38	-12.00	
	Combine footing CF1						
	Rectangular Base	2	3.57	2.00	0.30	-4.28	
	Combine footing CF1						
	Rectangular Base	4	3.89	2.33	0.30	-10.86	



S.N.	DESCRIPTION	NO.	LENGTH	BREATH	HEIGHT	TOTAL	UNIT
	<b>Column upto Plinth tie Beam level</b>						
	Total columns(350x350)	24	0.35	0.35	1.20	-3.53	
	<b>Footing beam(230x230)</b>						
	Along Grid 1,2,3,4	4	22.60	0.23	0.23	-4.78	
	Along grid A,B,C,D,E,F	6	9.52	0.23	0.23	-3.02	
	<b>For Lower Tie Beam Boulder Soling</b>						
	Along Grid 1,2,3,4	4	22.60	0.45	0.15	-6.10	
	Along grid A,B,C,D,E,F	6	9.52	0.45	0.15	-3.86	
	<b>For Lower Tie Beam PCC</b>						
	Along Grid 1,2,3,4	4	22.60	0.45	0.075	-3.05	
	Along grid A,B,C,D,E,F	6	9.52	0.45	0.075	-1.93	
	<b>Stone Masonry Work below Tie Beam</b>						
	Along Grid 1,2,3,4	4	22.60	0.30	0.74	-20.07	
	Along grid A,B,C,D,E,F	6	9.52	0.30	0.74	-12.68	
	<b>Addition Filling Required in ground Floor</b>						
	Room 1 to 8	8	20.37	Area	0.50	81.47	
	Corridor	1	32.30	Area	0.50	16.15	
	Below Staircase and Toilet	2	17.59	Area	0.50	17.59	
		<b>Total of Earth Back Filling</b>				<b>201.34</b>	<b>cu.m</b>
<b>1.4</b>	<b>Boulder Soling</b>						
	For Isolated Foundation F1	4	1.650	1.650	0.150	1.63	
	For Isolated Foundation F2	8	2.150	2.150	0.150	5.55	
	For Combine Foundation CF1	2	3.719	2.150	0.150	2.40	
	For Combine Foundation CF2	4	4.043	2.475	0.150	6.00	
	For Lower Tie Beam						
	Along Grid 1,2,3,4	4	22.6	0.45	0.15	6.10	
	Along grid A,B,C,D,E,F	6	9.519	0.45	0.15	3.86	
	Room 1 to 8	8	20.368	Area	0.15	24.44	
	Corridor	1	32.297	Area	0.15	4.84	
	Below Staircase and Toilet	2	17.592	Area	0.15	5.28	
	Below Ramp	2	5.00	0.45	0.15	0.68	
		1	2.74	0.45	0.15	0.18	
	Exterior Steps	1	3.5	0.6	0.15	0.32	
		<b>Total of Boulder Soling</b>				<b>61.28</b>	<b>cu.m</b>
<b>2</b>	<b>CONCRETE WORKS</b>						
<b>2.1</b>	<b>P.C.C. Works</b>						
<b>2.1.1</b>	<b>P.C.C.(1:3:6) Works</b>						
	For Isolated Foundation F1	4	1.65	1.65	0.075	0.82	
	For Isolated Foundation F2	8	2.15	2.15	0.075	2.77	
	For Combine Foundation CF1	2	3.719	2.15	0.075	1.20	
	For Combine Foundation CF2	4	4.043	2.475	0.075	3.00	
	For Lower Tie Beam						
	Along Grid 1,2,3,4	4	22.6	0.45	0.075	3.05	
	Along grid A,B,C,D,E,F	6	9.519	0.45	0.075	1.93	
	Below Ramp	2	5.00	0.45	0.075	0.34	
		1	2.74	0.45	0.075	0.09	
	Exterior Steps	1	3.5	0.6	0.075	0.16	
		<b>Total of P.C.C.(1:3:6) Works</b>				<b>13.36</b>	<b>cu.m</b>

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
2.1.2	<b>P.C.C.(1:2:4) Works</b>						
	Room 1 to 8	8	20.368	Area	0.075	12.22	
	Corridor	1	32.297	Area	0.075	2.42	
	Below Staircase and Toilet	2	17.592	Area	0.075	2.64	
	<b>Damp PCC</b>						
	Ramp	1	5.00	2.74	0.05	0.69	
		1	2.74	0.45	0.05	0.06	
	Exterior Steps	1	4.35	0.6	0.05	0.13	
		2	4.35	0.15	0.05	0.07	
		2	4.35	0.3	0.05	0.13	
		<b>Total of P.C.C.(1:2:4) Works</b>				<b>18.36</b>	<b>cu.m</b>
2.2	<b>P.C.C For R.C.C. Works</b>						
	<b>R.C.C Works M20</b>						
A	<b>Foundation</b>						
	<b>Isolated footing F1</b>						
	Rectangular Base	4.00	1.50	1.50	0.28	2.48	
	<b>Isolated footing F2</b>						
	Rectangular Base	8.00	2.00	2.00	0.38	12.00	
	<b>Combine footing CF1</b>						
	Rectangular Base	2.00	3.57	2.00	0.30	4.28	
	<b>Combine footing CF1</b>						
	Rectangular Base	4.00	3.89	2.33	0.30	10.86	
B	<b>Beam</b>						
	<b>Footing beam(230x230)</b>						
	Along Grid 1,2,3,4	4	22.6	0.23	0.23	4.78	
	Along grid A,B,C,D,E,F	6	9.519	0.23	0.23	3.02	
	<b>Tie beam(230x230)</b>						
	Along Grid 1,2,3,4	4	22.6	0.23	0.30	6.24	
	Along grid A,B,C,D,E,F	6	9.519	0.23	0.30	3.94	
	<b>First floor level</b>						
	Main beam(230x375)						
	Along Grid 1,2,3,4	4	22.6	0.23	0.375	7.80	
	Along grid A,B,C,D,E,F	6	9.519	0.23	0.375	4.93	
	<b>Slab deduction</b>						
	Main beam(230x375)						
	Along Grid 1,2,3,4	4	22.6	0.23	0.125	-2.60	
	Along grid A,B,C,D,E,F	6	9.519	0.23	0.125	-1.64	
	<b>Second floor level</b>						
	Main beam(230x375)						
	Along Grid 1,2,3,4	4	22.6	0.23	0.375	7.80	
	Along grid A,B,C,D,E,F	6	9.519	0.23	0.375	4.93	
	<b>Slab deduction</b>						
	Main beam(230x375)						
	Along Grid 1,2,3,4	4	22.6	0.23	0.125	2.60	
	Along grid A,B,C,D,E,F	6	9.519	0.23	0.125	1.64	
C	<b>Column</b>						
	<b>Ground floor plan</b>						
	Total columns(350x350)	24	0.35	0.35	3.00	8.82	

S.N.	DESCRIPTION	NO.	LENGTH	BREATH	HEIGHT	TOTAL	UNIT
	<b>First floor plan</b>						
	Total columns(350x350)	24	0.35	0.35	3.00	8.82	
	<b>Column upto Plinth tie Beam level</b>						
	Total columns(350x350)	24	0.35	0.35	1.20	3.53	
<b>D</b>	<b>Slab</b>						
	<b>First floor level</b>	1	Area	302.57	0.125	37.82	
	<b>Void deduction</b>	-1	Area	16.60	0.125	-2.08	
	<b>Second floor level</b>	1	Area	302.57	0.125	37.82	
	<b>Void deduction</b>	-1	Area	16.60	0.125	-2.08	
<b>E</b>	<b>Staircase</b>						
	Landing A	1	4.60	1.49	0.15	1.03	
	Landing B	1	4.60	1.49	0.15	1.03	
	Waist Slab	4	3.33	2.00	0.15	4.00	
	Steps	38	0.0225	Area	2.00	1.71	
<b>F</b>	<b>Lintel Bands</b>						
	<b>Ground floor level</b>						
	Along Grid 1,2,3,4	4	22.6	0.23	0.100	2.08	
	Along grid A,B,C,D,E,F	6	8.3	0.23	0.100	1.15	
	Toilet Part	1	10.5	0.23	0.100	0.24	
	Deduction stair case part	1	4.35	0.23	0.100	-0.10	
	<b>First floor level</b>						
	Along Grid 1,2,3,4	4	22.6	0.23	0.100	2.08	
	Along grid A,B,C,D,E,F	6	8.3	0.23	0.100	1.15	
	Toilet Part	1	10.50	0.23	0.10	0.24	
	Deduction stair case part	1	4.35	0.23	0.100	-0.10	
	<b>Second floor/above First floor Level</b>						
	Along Grid 1,4	1	22.60	0.23	0.100	0.52	
	Along grid A,F	1	8.30	0.23	0.100	0.19	
<b>G</b>	<b>Sill Bands</b>						
	<b>Ground floor level</b>						
	Along Grid 1,4	2	22.60	0.23	0.075	0.78	
	Along Grid 2,3	2	15.50	0.23	0.075	0.53	
	Along grid A,B,C,D,E,F	6	8.30	0.23	0.075	0.86	
	Toilet Part	1	9.00	0.23	0.075	0.16	
	<b>First floor level</b>						
	Along Grid 1,4	2	22.6	0.23	0.075	0.780	
	Along Grid 2,3	2	15.5	0.23	0.075	0.535	
	Along grid A,B,C,D,E,F	6	8.3	0.23	0.075	0.859	
	Toilet Part	1	9	0.23	0.075	0.155	
	<b>Second floor/Roof Level</b>						
	Along Grid 1,4	1	22.6	0.23	0.075	0.39	
	Along grid A,F	1	8.3	0.23	0.075	0.14	

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
H	Small Pillars for Prapet Wall at First Floor Leval and Roof Level	16	0.35	0.350	2.00	3.92	
		Total of R.C.C Works M20				190.03	cu.m
2.3	Steel Reinforcement						
	120 KG Per cu.m					22,803.60	
						22,803.60	Kg
		Total of Steel Reinforcement				22.81	Mt
2.4	Formworks						
A	Foundation						
	Isolated footing F1						
	Rectangular Base	4	6.00		0.28	6.60	
	Isolated footing F2						
	Rectangular Base	8	8.00		0.38	24.00	
	Combine footing CF1						
	Rectangular Base	2	11.14		0.30	6.68	
	Combine footing CF1						
	Rectangular Base	4	12.44		0.30	14.92	
B	Beam						
	Footing beam(230x230)						
	Along Grid 1,2,3,4	4	22.6		0.46	41.58	
	Along grid A,B,C,D,E,F	6	9.519		0.46	26.27	
	Tie beam(230x300)						
	Along Grid 1,2,3,4	4	22.6		0.60	54.24	
	Along grid A,B,C,D,E,F	6	9.519		0.60	34.27	
	First floor level						
	Main beam(230x375)						
	Along Grid 1,2,3,4	4	22.6		0.98	88.59	
	Along grid A,B,C,D,E,F	6	9.519		0.98	55.97	
	Slab deduction						
	Main beam(230x375)						
	Along Grid 1,2,3,4	-4	22.6		0.25	-22.60	
	Along grid A,B,C,D,E,F	-6	9.519		0.25	-14.28	
	Second floor level						
	Main beam(230x375)						
	Along Grid 1,2,3,4	4	22.6		0.98	88.59	
	Along grid A,B,C,D,E,F	6	9.519		0.98	55.97	
	Slab deduction						
	Main beam(230x375)						
	Along Grid 1,2,3,4	-4	22.6		0.25	-22.60	
	Along grid A,B,C,D,E,F	-6	9.519		0.25	-14.28	
C	Column						
	Ground floor plan						
	Total columns(350x350)	24	1.40		3.00	100.80	

S.N.	DESCRIPTION	NO.	LENGTH	BREATH	HEIGHT	TOTAL	UNIT
	<b>First floor plan</b>						
	Total columns(350x350)	24	1.40		3.00	100.80	
	<b>Column upto Plinth tie Beam level</b>						
	Total columns(350x350)	24	1.40		1.20	40.32	
<b>D</b>	<b>Slab</b>						
	<b>First floor level</b>	1	302.57	Area		302.57	
	Side formwork	1	74.84			74.84	
	Side formwork for void	1	16.30			16.30	
	<b>Second floor level</b>	1	302.57	Area		302.57	
	Side formwork	1	74.84			74.84	
	Side formwork for void	1	16.52			16.52	
<b>E</b>	<b>Staircase</b>						
	Landing A	1	4.60	1.49		6.85	
	Landing B	1	4.60	1.49		6.85	
	Waist Slab	4	3.33	2.00		26.64	
	Steps	38	0.0225	Area		0.86	
	Side formwork for Waist slab	2	9.48		0.15	2.84	
	Riser	38	2.00		0.15	11.40	
<b>F</b>	<b>Lintel Bands</b>						
	<b>Ground floor level</b>						
	Along Grid 1,2,3,4	4	22.6	2.00	0.100	18.08	
	Along grid A,B,C,D,E,F	6	8.3	2.00	0.100	9.96	
	Toilet Part	1	10.5	2.00	0.100	2.10	
	Deduction stair case part	1	4.35	2.00	0.100	0.87	
	<b>First floor level</b>						
	Along Grid 1,2,3,4	4	22.6	2.00	0.100	18.08	
	Along grid A,B,C,D,E,F	6	8.3	2.00	0.100	9.96	
	Toilet Part	1	10.5	2.00	0.100	2.10	
	Deduction stair case part	1	4.35	2.00	0.100	0.87	
	<b>Second floor/above First floor Level</b>						
	Along Grid 1,4	1	22.6	2.00	0.100	4.52	
	Along grid A,F	1	8.3	2.00	0.100	1.66	
<b>G</b>	<b>Sill Bands</b>						
	<b>Ground floor level</b>						
	Along Grid 1,4	2	22.60	2.00	0.075	6.78	
	Along Grid 2,3	2	15.50	2.00	0.075	4.65	
	Along grid A,B,C,D,E,F	6	8.30	2.00	0.075	7.47	
	Toilet Part	1	9.00	2.00	0.075	1.35	
	<b>First floor level</b>						
	Along Grid 1,4	2	22.60	2.00	0.075	6.78	
	Along Grid 2,3	2	15.50	2.00	0.075	4.65	
	Along grid A,B,C,D,E,F	6	8.30	2.00	0.075	7.47	
	Toilet Part	1	9.00	2.00	0.075	1.35	

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
	<b>Second floor/Roof Level</b>						
	Along Grid 1,4	1	22.6	2.00	0.075	3.39	
	Along grid A,F	1	8.3	2.00	0.075	1.25	
<b>H</b>	<b>Small Pillars for Prapet Wall at First Floor Level and Roof Level</b>	16	1.40		2.000	44.80	
		<b>Total of Formworks</b>				<b>1,667.08</b>	<b>sq.m</b>
<b>3</b>	<b>BRICK / STONE WORKS</b>						
<b>3.1</b>	<b>Stone Masonry Works (1:6c/s)</b>						
<b>3.1.1</b>	<b>Stone Masonry Work below Tie Beam</b>						
	Along Grid 1,2,3,4	4	22.60	0.30	0.74	20.07	
	Along grid A,B,C,D,E,F	6	9.52	0.30	0.74	12.68	
	<b>Total of Stone Masonry Work below Tie Beam</b>					<b>32.75</b>	<b>cu.m</b>
<b>3.2</b>	<b>Full Brick (230 mm) Works (1:6 c/s)</b>						
	<b>Ground floor</b>						
	Along Grid 1,2,3,4	4	22.60	0.23	2.45	50.94	
	Along grid A,B,C,D,E,F	6	8.30	0.23	2.45	28.06	
	Deduction Stair and toilet Part	-2	4.00	0.23	2.45	-4.51	
	<b>First floor level</b>						
	Along Grid 1,2,3,4	4	22.60	0.23	2.45	50.94	
	Along grid A,B,C,D,E,F	6	8.30	0.23	2.45	28.06	
	Passage	2	1.22	0.23	2.45	1.37	
	Deduction Stair and toilet Part	-2	4.00	0.23	2.45	-4.51	
	Deduction meeting and staff room	-2	4.65	0.23	2.45	-5.24	
	<b>Second floor/Roof Level</b>						
	Along Grid 1,4	1	22.60	0.23	2.00	10.40	
	Along grid A,,F	1	9.52	0.23	2.00	4.38	
	Stair Side	2	5.00	0.23	2.00	4.60	
	<b>Deduction for doors and windows</b>						
	<b>Ground floor plan</b>						
	W	-8	1.20	0.23	1.35	-2.98	
	W1	-16	1.50	0.23	1.35	-7.45	
	W2	-1	1.50	0.23	1.10	-0.38	
	D	-8	0.90	0.23	2.10	-3.48	
	<b>First floor plan</b>						
	W	-8	1.20	0.23	1.35	-2.98	
	W1	-16	1.50	0.23	1.35	-7.45	
	W2	-1	1.50	0.23	1.10	-0.38	
	D	-8	0.90	0.23	2.10	-3.48	
	<b>Second floor/Roof Level</b>						
	W3	-4	4.15	0.23	1.10	-4.20	
	W2	-18	1.50	0.23	1.10	-6.83	
	<b>Total of Full Brick (230 mm) Works (1:6 c/s)</b>					<b>124.89</b>	<b>cu.m</b>
<b>3.3</b>	<b>Half Brick Wall (115mm) Work (1:6 c/s)</b>						
	<b>Ground floor level</b>						
	long wall	4	2.00	0.115	2.45	2.25	
	Short wall	2	2.00	0.115	2.45	1.13	

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
	<b>Deduction For Door</b>						
	<b>Ground floor level</b>						
	D	-2	0.90	0.115	2.10	-0.43	
	D1	-2	0.75	0.115	2.10	-0.36	
	<b>First floor level</b>						
	long wall	4	2.00	0.115	2.45	2.25	
	Short wall	1	4.00	0.115	2.45	1.13	
	<b>Deduction For Door</b>						
	<b>First floor plan</b>						
	D	-1	0.90	0.115	2.10	-0.22	
	D1	-3	0.75	0.115	2.10	-0.54	
	<b>Total of Half Brick Wall (115mm) Work (1:6 c/s)</b>					<b>5.21</b>	<b>cu.m</b>
<b>4</b>	<b>DOORS &amp; WINDOWS</b>						
<b>4.1</b>	<b>Metal Frame</b>						
<b>4.1.1</b>	<b>Metal Door Frame</b>						
	<b>Ground floor</b>						
	D	10	5.10			51.00	
	D1	2	4.95			9.90	
	<b>First floor plan</b>						
	D	8	5.10			40.80	
	D1	3	4.95			14.85	
	<b>Total of Metal Door Frame</b>					<b>116.55</b>	<b>r.m</b>
<b>4.1.2</b>	<b>Metal Windows Frame</b>						
	<b>Ground floor</b>						
	W	8	6.30			50.40	
	W1	16	8.40			134.40	
	W2	1	7.40			7.40	
	<b>First floor plan</b>						
	W	8	6.30			50.40	
	W1	16	8.40			134.40	
	W2	1	7.40			7.40	
	<b>Second floor plan</b>						
	W2	18	7.40			133.20	
	W3	4	14.90			59.60	
	<b>Total of Metal Windows Frame</b>					<b>577.20</b>	<b>R.m</b>
<b>4.2</b>	<b>Shutter</b>						
<b>4.2.1</b>	<b>Metal Door Shutter</b>						
	<b>Ground floor</b>						
	D	10	0.90		2.10	18.90	
	D1	2	0.75		2.10	3.15	
	<b>First floor plan</b>						
	D	8	0.90		2.10	15.12	
	D1	3	0.75		2.10	4.73	
	<b>Total of Metal Door Shutter</b>					<b>41.90</b>	<b>sq.m</b>
<b>4.2.2</b>	<b>Metal Window Shutter</b>						
	<b>Ground floor</b>						
	W	8	1.20		1.35	12.96	
	W1	16	1.50		1.35	32.40	

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
	W2	1	1.50		1.10	1.65	
	<b>First floor plan</b>						
	W	8	1.20		1.35	12.96	
	W1	16	1.50		1.35	32.40	
	W2	1	1.50		1.10	1.65	
	<b>Second floor plan</b>						
	W2	18	1.50		1.10	29.70	
	W3	4	4.15		1.10	18.26	
	<b>Total of Metal Window Shutter</b>					<b>141.98</b>	<b>sq.m</b>
<b>5</b>	<b>FLOORING WORKS</b>						
<b>5.1</b>	<b>Cement Concrete Flooring (40mm) With Neat Cement Punning</b>						
	<b>Ground floor plan</b>						
	Room 1 to 8	8	20.37	Area		162.94	
	Corridor	1	32.30	Area		32.30	
	Ramp	1	5.00	2.74		13.70	
	Below stair case	1	20.37	Area		20.37	
	<b>Staircase</b>						
	Landing	1	4.12	1.45		5.97	
	Rise	20	2.00	0.15		6.00	
	Tread	19	2.00	0.30		11.40	
	Exterior Steps	2	4.85	0.15		1.46	
		2	4.85	0.30		2.91	
	<b>First floor plan</b>						
	Room 1 to 8	8	20.37	Area		162.94	
	Corridor	1	32.30	Area		32.30	
	<b>Staircase</b>						
	Landing	2	4.12	1.45		11.95	
	Rise	40	2.00	0.15		12.00	
	<b>Tread</b>	38.00	2.00	0.30		22.80	
	<b>Second floor plan</b>	1.00	261.56	Area		261.56	
	Deduction stair hole	-1.00	16.60	Area		-16.60	
	<b>Total of Cement Concrete Flooring (40mm) With Neat Cement Punning</b>					<b>744.00</b>	<b>sq.m</b>
<b>5.2</b>	<b>Cement Finishing Skirting works</b>						
	<b>Ground floor plan</b>						
	Room 1 to 8	8	17.18			137.44	
	Below Landing & Staircase	1	10.34			10.34	
	Corridor	1	33.50			33.50	
	<b>Staircase for ground &amp; first Floor</b>						
	Waist slab	4	3.354			13.42	
	Landing	2	6.675			13.35	
	Landing	2	1.45			2.90	
	<b>First floor plan</b>						
	Room 1 to 8	8	17.18			137.44	
	Corridor	1	33.50			33.50	
	<b>Second floor plan</b>	1	71.24			71.24	
	<b>Total of Cement Finishing Skirting works</b>					<b>453.13</b>	<b>r.m</b>
<b>6</b>	<b>PLASTER/WALL FINISHING WORKS</b>						
<b>6.1</b>	<b>Cement Plaster Works</b>						



S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
6.1.1	<b>Internal Plaster on Wall (1:4)</b>						
	<b>Ground floor plan</b>						
	Room 1 to 8	8	18.08	Perimeter	2.88	415.84	
	Below Landing & Staircase	1	12.54		2.88	36.05	
	Corridor	1	40.7		2.88	117.01	
	Toilet Part	1	16.54		2.88	47.55	
		10	2		2.88	57.50	
	<b>First floor plan</b>						
	Room 1 to 7	7	18.08	Perimeter	2.88	363.86	
	large room	1	21.218		2.88	61.00	
	Below Landing & Staircase	1	12.54		2.88	36.05	
	Corridor	1	30.7		2.88	88.26	
		2	1.219		2.88	7.01	
	Toilet Part	1	16.54		2.88	47.55	
		10	2		2.88	57.50	
	<b>Second floor</b>						
	Perimeter	1	71.24		2.00	142.48	
	<b>Deduction for Doors and Windows</b>						
	<b>Ground floor plan</b>						
	W	-8	1.20		1.35	-6.48	
	W1	-16	1.50		1.35	-16.20	
	W2	-1	1.50		1.10	-0.83	
	D	-10	0.90		2.10	-9.45	
	D1	-2	0.75		2.10	-1.58	
	<b>First floor plan</b>						
	W	-8	1.20		1.35	-6.48	
	W1	-16	1.50		1.35	-16.20	
	W2	-1	1.50		1.10	-0.83	
	D	-9	0.90		2.10	-8.51	
	D1	-3	0.75		2.10	-2.36	
	<b>Second floor/Roof Level</b>						
	W3	-4	4.15		1.10	-9.13	
	W2	-18	1.50		1.10	-14.85	
	<b>Total of Internal Plaster on Wall (1:4)</b>					<b>1,384.79</b>	<b>sq.m</b>
6.1.2	<b>Internal Plaster on Ceiling (1:4)</b>						
	<b>Ground floor</b>						
	Room 1 to 8	8	4.77	4.27		162.94	
	Corridor	1	24.70	1.22		30.11	
	Toilet	1	4.77	4.27		20.37	
	Landing	1	4.12	1.43		5.89	
	Landing	1	1.43	4.12		5.89	
	Waist Slab	4	3.35	1.45		19.45	
	Side Plaster in Waist slab	4	3.35	0.15		2.01	
	Side in steps	40	Area	0.02		0.92	
	Slab Projection(Chhaja) at front side & Back side	2	25.60	0.46		23.55	
	Slab Projection(Chhaja) at left side & right side	2	11.82	0.46		10.87	
	<b>Sub-total</b>					<b>282.01</b>	

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
	First floor				Sub-total	282.01	
		Total of Internal Plaster on Ceiling (1:4)				564.02	sq.m
6.2	External Plaster						
6.2.1	Outer Plaster (1:4)						
	Ground Floor and First Floor						
	Along grid 1,4	2	24.70		8.00	395.20	
	Along grid A,D	2	10.92		8.00	174.70	
	Deduction						
	Ground floor plan						
	W	-8.00	1.20		1.35	-6.48	
	W1	-16.00	1.50		1.35	-16.20	
	W2	-1.00	1.50		1.10	-0.83	
	First floor plan						
	W	-8.00	1.20		1.35	-6.48	
	W1	-16.00	1.50		1.35	-16.20	
	W2	-1.00	1.50		1.10	-0.83	
	Second floor/Roof Level						
	W3	-4.00	4.15		1.10	-9.13	
	W2	-18.00	1.50		1.10	-14.85	
		Total of External Plaster				498.91	sq.m
6.3	Distemper Painting Works						
	Total of Interior Wall Plaster	1	1384.79	Area		1,384.79	
	Total of Ceiling Plaster	1	564.02	Area		564.02	
		Total of Distemper Painting Works				1,948.82	sq.m
6.4	Exterior Weather Coat Paint						
	Total Outside Plaster	1.00	498.91			498.91	
		Total of Exterior Weather Coat Paint				498.92	sq.m
6.5	Enamel Painting						
	For Doors				Factor		
	D	18	0.90	2.10	3.00	102.06	
	D1	5	0.75	2.10	3.00	23.63	
	For Window						
	W	16	1.20	1.35	1.00	25.92	
	W1	32	1.50	1.35	1.00	64.80	
	W2	2	1.50	1.10	1.00	3.30	
	W3	18.00	1.50	1.10	1.00	29.70	
	W4	4.00	4.15	1.10	1.00	18.26	
	For Grill						
	W	16	1.20	1.35	1.00	25.92	
	W1	32	1.50	1.35	1.00	64.80	
	W2	2	1.50	1.10	1.00	3.30	
	W3	18	1.50	1.10	1.00	29.70	
	W4	4	4.150	1.100	1.000	18.26	
		Total of Enamel Painting				409.65	sq.m
7	Railing						
7.1	Staircase Railing	Nos	length	Total Length	Kg/m	Total	

S.N.	DESCRIPTION	NO.	LENGTH	BREADTH	HEIGHT	TOTAL	UNIT
	Horizontal ISNB 40 M	4	3.33	13.32	3.56	47.42	
	Vertical ISNB 40 M	8	0.929	7.43	3.56	26.46	
	Horizontal 25mm Square Pipe	38	0.95	36.10	1.69	61.01	
	15% for wastage,nutbolts, base plate			134.89		20.23	
	<b>Total of Staircase Railing</b>					<b>155.12</b>	<b>k.g</b>
<b>8</b>	<b>ROOFING/TERRACING WORKS</b>						
<b>8.1</b>	<b>Metal Works</b>						
	<b>Description</b>	<b>Nos</b>	<b>length</b>	<b>Total Length</b>	<b>Kg/m</b>	<b>Total</b>	
<b>A</b>	<b>Metal Post</b>						
	SHS (100* 100*3.6 mm)	10	3.343		12	401.16	
<b>B</b>	<b>Truss From Hall</b>						
<b>1</b>	No of Main Truss	11					
	Top Chord SHS (50*50*3 mm)	2	6.94	13.88	4.39	670.27	
	Bottom Chord SHS (50*50*3 mm)	2	5.58	11.16	4.39	539.11	
	Vertical Member SHS (50*50*3 mm)	2	0.79	1.58	4.39	76.30	
		2	0.64	1.28	4.39	61.81	
		2	0.52	1.04	4.39	50.03	
		2	0.38	0.75	4.39	36.41	
		2	0.24	0.47	4.39	22.70	
	Digonal Member SHS (40*40*2.5mm)	2	0.90	1.80	2.92	57.75	
		2	0.86	1.72	2.92	55.37	
		2	0.82	1.63	2.92	52.42	
		2	0.80	1.59	2.92	51.07	
		2	0.80	1.60	2.92	51.33	
	King Post SHS (50*50*3 mm)	1	0.95	0.95	4.39	45.63	
	Purlin SHS (50*50*3 mm)	24	27.54	660.96	4.39	2901.61	
	25% For Wastage ,Nut ,Bolts and Plate			5072.97		1268.24	
	<b>Total of Metal Works</b>					<b>6341.22</b>	<b>Kg</b>
<b>8.2</b>	<b>CGI Sheet Roofing</b>						
	24 Gauge colour CGI Sheet	2	27.54		6.94	382.26	
	<b>Total of CGI Sheet Roofing</b>					<b>382.26</b>	<b>Sqm</b>
<b>8.3</b>	<b>CGI Ridge</b>						
	Ridge Cover	1	27.54			27.54	
	<b>Total of CGI Ridge</b>					<b>27.54</b>	<b>r.m</b>
<b>9</b>	<b>Miscellaneous</b>						
<b>9.1</b>	<b>Cement Board Falce Ceiling</b>						
	From Room	1	261.56	Area		261.56	
	<b>Total of Cement Board Falce Ceiling</b>					<b>261.56</b>	<b>sq.m</b>
<b>9.2</b>	<b>Cement Board Partition</b>						
	Above Side Walls	2	10.57	0.5	3.781	39.97	
	<b>Total of Cement Board Partition</b>					<b>39.97</b>	<b>sq.m</b>
<b>9.3</b>	<b>Channel Gate</b>						
		2				2	
	<b>Total of Channel Gate</b>					<b>2</b>	<b>nos</b>