Sr. No.		Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
				Labour	Composite	
8-1	a)	Providing and laying 1" (25mm) thick damp proof course with 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal cost of water proofing agent will be paid separately	Sq.m. Sq.ft..	27.25 2.55	188.25 17.50	8.1
	b)	Extra if Margalla crushed aggregate is used in place of local crushed aggregate	Sq.m. Sq.ft..	- -	59.65 5.55	
8-2	a)	Same as 8-1(a) above but with 1-1/2" (37.5 mm) thick damp proof course.	Sq.m. Sq.ft..	40.90 3.80	282.40 26.25	8.1
	b)	Extra if Margalla crushed aggregate is used in place of local crushed aggregate	Sq.m. Sq.ft..	- -	89.50 8.30	
8-3	a)	Same as 8-1(a) but 2" (50 mm) thick damp proof course.	Sq.m. Sq.ft..	54.50 5.05	376.50 35.00	8.1
	b)	Extra if Margalla crushed aggregate is used in place of local crushed aggregate	Sq.m. Sq.ft..	- -	119.30 11.10	
8-4	a)	Providing and laying 1" (25.4 mm) thick damp proof course with 1:2:4 cement concrete Lawrencepur sand and crushed aggregate 1/2" (13mm) and down gauge including applying a coat of hot bitumen 80/100 or equivalent using 1.71 Kg per sq.m. and laying single layer of polythene sheet 0.13 mm thick (500 gauge) on damp proof course, including cleaning surface and spraying.	Sq.m. Sq.ft..	45.70 4.25	518.00 48.15	8.1
	b)	Extra if Margalla crushed aggregate is used in place of local crushed aggregate	Sq.m. Sq.ft..	- -	59.65 5.55	
8-5	a)	Same as 8-4(a) above but with 1-1/2" (37.5 mm) thick damp proof course.	Sq.m. Sq.ft..	68.55 6.35	777.00 72.20	8.1
	b)	Extra if Margalla crushed aggregate is used in place of local crushed aggregate	Sq.m. Sq.ft..	- -	89.50 8.30	
8-6	a)	Same as 8-4(a) above but with 2" (50 mm) thick damp proof	Sq.m. Sq.ft..	91.40 8.50	1036.00 96.30	8.1
	b)	Extra if Margalla crushed aggregate is used in place of local crushed aggregate	Sq.m. Sq.ft..	- -	119.30 11.10	
8-7		Providing and laying damp proof course of hessian cloth impregnated with bitumen (hot application) at the rate of 1.25 Kg. of bitumen per Sq.m. on the smooth finished plinth surface made of 1/2" (13mm) thick cement plaster 1:4 covered with a coat of hot bitumen at the rate of 1 Kg. per Sq.m. of surface area including blinding the top surface with coarse sand using 0.012 Cu.m. per Sq.m.	Sq.m. Sq.ft..	147.10 13.65	535.55 49.75	8.1
8-8		Providing damp proof course on vertical surface with 3/4" (19 mm) thick cement plaster 1:3 mixed with any approved water proofing agent including curing and providing a layer of polythene sheet 0.13mm thick (500 gauge), but excluding the cost of water proofing agent.	Sq.m. Sq.ft..	128.80 11.95	374.25 34.80	8.1

Sr. No.		Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
				Labour	Composite	
8-9	a)	Providing a coat of bitumen emulsion at 0.50 kg per sq.m. on walls and floors in ground floor.	Sq.m. Sq.ft..	57.20 5.30	167.00 15.50	8.1
	b)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	15.25 1.40	15.25 1.40	
8-10	a)	Providing and laying on ground floor roof plastic bitumen No.3 at the rate of 1.45 kg with 0.176 cu.ft.(0.005 cu.m) of coarse sand in first coat and 1.25 kg. with 0.176 cu.ft (0.005 cu.m). of coarse sand in second coat over a coat of light diesel oil priming at 0.75 kg per sq.m. including light ramming.	Sq.m. Sq.ft..	42.90 4.00	238.30 22.15	8.2
	b)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	15.25 1.40	15.25 1.40	
8-11	a)	Providing and laying on ground floor roof ruberoid 3 ply reelia roofing including asphalt felt No.7 as underlay each treated with ruberoid compound including providing, flashing and finished with washed gravel.	Sq.m. Sq.ft..	43.45 4.05	814.85 75.75	8.2
	b)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	14.05 1.30	14.05 1.30	
8-12	a)	Providing and laying heated asphalt on ground floor roof at the rate of 1.95 kg per sq.m. finished with washed gravel 3/8" (9.5 mm) and down gauge at 0.0295 cu.ft./sq.ft. (0.009 cu.m./sq.m) including ramming and rounding of corners with cement mortar.	Sq.m. Sq.ft..	118.90 11.05	365.45 33.95	8.2
	b)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	14.05 1.30	14.05 1.30	
8-13	a)	Same as 8-12(a) but heated asphalt at the rate of 0.90 kg. per	Sq.m. Sq.ft..	43.45 4.05	814.85 75.75	8.2
	b)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	14.05 1.30	14.05 1.30	
8-14	a)	Providing and laying on ground floor roof blanco roofing felt 2 ply over a tack coat of bitumen at 1.45 kg per sq.m. and sealed with bitumen compound at the rate of 1.45 kg per sq.m. and blended with washed gravel 9.5mm and down gauge at the rate of 0.009 cu.m. per sq.m. including ramming.	Sq.m. Sq.ft..	122.00 11.35	553.10 51.40	8.2
	b)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	15.25 1.40	15.25 1.40	
8-15	a)	Providing and laying jutoid water proof matting 3.2 mm thick on external faces of walls below ground level, under raft, basement floor, under floors, plinth and on ground floor roof top with adhesive No.70 at the rate of 0.48 Kg per Sq.m. diluted with 13% of solvent like kerosine oil including the cost of overlaps, cleaning & scraping the surface by wire brushes before applying the adhesive and laying jutoid.	Sq.m. Sq.ft..	61.00 5.65	312.40 29.05	8.1 8.1.5(c)
	b)	Extra for every additional layer of jutoid water proof matting.	Sq.m. Sq.ft..	30.50 2.85	176.05 16.35	
	c)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	21.35 2.00	21.35 2.00	

Sr. No.		Description	Unit	Rate (Rs.)		Ref. Tech. Specs.
				Labour	Composite	
8-16	a)	Providing and laying jutoid water proof matting 1.6 mm to 2.1 mm thick on top of flat or sloping roofs of ground floor with adhesive No. 70 at the rate of 0.48 Kg/Sq.m. diluted with 13% of solvent like kerosine oil including the cost of overlaps, cleaning and scraping the surface with wire brushes before applying the adhesive and laying jutoid.	Sq.m. Sq.ft..	61.00 5.65	292.30 27.15	8.2
	b)	Extra for every additional layer of jutoid water proof matting.	Sq.m. Sq.ft..	30.50 2.85	155.90 14.50	
	c)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	21.35 2.00	21.35 2.00	
8-17	a)	Providing and laying jutoid water proof matting 1.6 mm to 2.1 mm thick over corrugated roof (ground floor roof) with adhesive No.70 at the rate of 1.0 kg. per sq.m. diluted with 13% of solvent like kerosine oil including the cost of overlaps cleaning and scraping the surface with wire brushes before aplying the adhesive and laying jutoid.	Sq.m. Sq.ft..	61.00 5.65	264.90 24.60	8.2
	b)	Extra for every additional layer of jutoid water proof matting.	Sq.m. Sq.ft..	30.50 2.85	178.70 16.60	
	c)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	21.35 2.00	21.35 2.00	
8-18	a)	Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in terraces 3" (75 mm) average thickness to required slope in panels including formwork, consolidation, finishing, curing, painting the surface with plastic bitumen No.4 at the rate of 0.73 Kg per Sq.m. blinded with sand at the rate of 0.006 Cu.m. per Sq.m. on ground floor roof.	Sq.m. Sq.ft..	110.55 10.25	849.70 78.95	8.2
	b)	Extra for each storey height if the building is more than one storey height.	Sq.m. Sq.ft..	73.20 6.80	73.20 6.80	
	c)	Extra if Margalla crushed aggregate is used in place of local crushed aggregate	Sq.m. Sq.ft..	- -	183.75 17.10	
8-19		Providing and laying polythene sheet 0.13 mm thick under floors for water proofing laid as per instructions of the Engineer in ground floor.				8.1
	a)	Single layer	Sq.m. Sq.ft..	12.20 1.15	119.55 11.10	
	b)	Double layer	Sq.m. Sq.ft..	18.30 1.70	233.00 21.65	
8-20		Providing and laying polythene sheet 0.13 mm thick on roof for water proofing laid as per instructions of the Engineer in ground floor.				8.2
	a)	Single layer	Sq.m. Sq.ft..	21.35 2.00	128.70 11.95	
	b)	Double layer	Sq.m. Sq.ft..	30.50 2.85	245.20 22.80	