

CHAPTER NO. 14
FLOORING & DADOS

Notes :-

- (i) Unless otherwise stated, the labour rates include the handling charges of materials within 100 metres.
- (ii) The rates include the cost of water. Where the water is supplied free by the Department, the rates shall be decreased accordingly.
- (iii) The rates given are for ground floor, for every additional storey, add Rs 2.00 per sqm.
- (iv) The labour rates given in this chapter include the cost of water, tools & plants and cost of good earth for mud mortar and mud plaster wherever required.
- (v) Coarse sand (fine aggregate) for 1:2:4 concrete in item of conglomerate, polished and terrazzo flooring shall be as per Punjab PWD Specifications No: 3.30.
- (vi) For Square and rectangular columns, enhance the labour rate for item no. 14.40 to 14.54 by 33.3%. For round and elliptical columns, enhance the labour rates for the item no. 14.54 to 14.52 by 100%. The through rates are to be increased accordingly.
- (vii) Risers of stair-case are to be paid as per skirting or dado rates, while treads and landings are to be paid as per flooring rates of similar specifications.
- (viii) The rates for rubbing and polishing to granolithic finish are for rubbing & polishing to granolithic granite finish.

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.1	Deleted	-	-	-	-	-
14.2	Deleted	-	-	-	-	-
14.3	Base course of floor consisting of 100mm thick cement concrete 1:8:16 and 100mm sand filling.	sqm	35.67	197.32	35.67	197.32
14.4	Floating coat of 1.5mm thick neat cement laid in one operation to the topping.	sqm	5.19	18.43	5.19	18.43
14.5	Conglomerate floor 25mm thick cement concrete topping 1:2:4.	sqm	26.44	94.59	29.08	97.23
14.6	Conglomerate floor 40mm thick cement concrete topping 1:2:4.	sqm	26.44	135.48	29.08	138.13
14.7	Conglomerate floor 50mm thick cement concrete topping 1:2:4.	sqm	26.44	162.74	29.08	165.39

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.8	Conglomerate floor 25mm thick cement concrete rate 1:2:4 on 100mm thick cement concrete 1:8:16 and 100mm sand filling.	sqm	62.12	291.93	68.33	298.14
14.9	Conglomerate floor 40mm thick cement concrete 1:2:4 on 100mm thick cement concrete 1:8:16 and 100mm sand filling.	sqm	62.12	332.81	68.33	339.02
14.10	Conglomerate floor 50mm thick cement concrete rate 1:2:4 on 100mm thick cement concrete 1:8:16 and 100mm sand filling.	sqm	62.12	360.08	68.33	366.29
14.11	Screed of 50mm thick cement concrete 1:8:16 to be laid below the topping.	sqm	20.44	90.01	22.48	92.05
14.12	Screed of 40mm thick cement concrete 1:8:16 to be laid below the topping.	sqm	20.44	76.09	22.48	78.14
14.13	25mm thick conglomerate floor of cement concrete 1:2:4 over flat brick laid dry with 25mm open joints all-round filled with cement concrete 1:2:4 simultaneously with topping over 100mm sand filling.	sqm	34.74	168.77	38.21	172.25
14.14	25mm thick polished flooring cement concrete 1:2:4 toping finished with 3 mm thick neat coat of cement rubbed and polished.	sqm	130.56	225.20	143.62	238.26
14.15	40mm thick grey polished flooring cement concrete 1:2:4 toping finished with 3 mm thick neat coat of cement rubbed and polished.	sqm	130.56	267.31	143.62	280.37
14.16	20mm thick grey polished skirting or dado consisting of bottom layer of 16mm thick cement sand plaster 1:3 and finished 3mm thick topping of neat cement rubbed and polished including rounding of junction with floors.	sqm	182.11	271.96	200.32	290.17
14.17	Flat brick paving laid dry over 25mm thick mud mortar grouted with sand.	sqm	17.56	145.74	19.32	147.50
14.18	Dry brick on edge paving sand grouted over 50mm thick earth and mud plaster.	sqm	30.07	235.39	33.08	238.40

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.19	Laying First Class Dry Brick on edge flooring or paving in ordinary bonded courses or in herring bond or other special courses / bond along with preparation of sub grade with rough dressing of soil, final dressing of earth to give level surface and comber including watering, rolling with road roller. All joints shall be thoroughly filled / grouted with dry sand, applied to a thickness of not less than 20 mm over the surface of flooring and brushed into the joints, rolling the surface with light road roller after sprinkling with water complete in all respects.	sqm	101.21	306.53	111.33	316.65
14.20	Dry brick on edge paving sand grouted over 50mm thick rammed brick aggregate 40mm gauge.	sqm	34.84	270.68	38.32	274.16
14.21	Flat brick or tile flooring laid in cement sand mortar 1:4 on 100mm thick cement concrete 1:8:16 and 100mm thick sand filling and cement pointed 1:2 on top.	sqm	85.01	265.33	93.51	273.83
14.22	Brick on edge flooring laid in cement sand mortar 1:4 on 75mm thick cement concrete 1:8:16 and 100mm sand filling cement pointing 1:2 on top.	sqm	103.80	358.26	114.18	368.64
14.23	Flat brick or tile flooring laid dry over a bed of 6mm thick cement sand mortar 1:6 grouted with cements sand mortar 1:4 and top surface to be left clean after wire brushing.	sqm	38.62	196.67	42.48	200.53
14.24	40mm thick grey terrazzo topping rubbed and polished to a granolithic finish under layer 34mm thick cement concrete 1:2:4 and top layer 6mm thick with 3mm gauge white marble makrana chipping from indigenous marble laid in 1:1½ (50 Kg of ordinary grey cement and 0.05 cum of white marble chippings).	sqm	155.31	355.39	170.84	370.92
14.25	40mm thick grey terrazzo topping rubbed and polished to a granolithic finish under layer 31 mm thick cement concrete 1:2:4 and top layer 9mm (4mm to 7mm thick) with the gauge white marble makrana chipping from indigenous marble laid in 1:1½ (50 Kg of ordinary grey cement and 0.05 cum of white marble chippings).	sqm	175.88	403.92	193.47	421.51

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.26	40mm thick grey terrazzo topping rubbed and polished to a granolithic finish under layer 28 mm thick cement concrete 1:2:4 and top layer 12 mm thick with 7mm to 10mm gauge white marble makrana chipping from indigenous marble laid in 1:1½ (50 Kg of ordinary grey cement and 0.05 cum of white marble chippings).	sqm	175.88	433.44	193.47	451.03
14.27	40mm thick white terrazzo topping rubbed and polished to a granolithic finish under layer 34mm thick cement concrete 1:2:4 and top layer 6mm thick with 3mm gauge white marble makrana chipping from indigenous marble laid in 1:1½ (37.5 Kg of white cement, 12.5 kg marble powder and 0.05 cum of white marble chippings).	sqm	155.31	402.20	170.84	417.73
14.28	40mm thick white terrazzo topping rubbed and polished to a granolithic finish under layer 31mm thick cement concrete 1:2:4 and top layer 9mm thick with 4mm to 7 mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.5 Kg of white cement, 12.5 kg marble powder and 0.05 cum of white marble chippings).	sqm	175.88	473.11	193.47	490.70
14.29	40mm thick white terrazzo topping rubbed and polished to a granolithic finish under layer 28 mm thick cement concrete 1:2:4 and top layer 12 mm thick with 7mm to 10 mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.5 Kg of white cement, 12.5 Kg marble powder and 0.05 cum of white marble chippings).	sqm	175.88	518.91	193.47	536.50
14.30	40mm thick black red or chocolate terrazzo topping rubbed and polished to a granolithic finish under layer 34mm thick cement concrete 1:2:4 and top layer 6mm thick with 1 mm to 4 mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (50 Kg of ordinary grey cement with admixture of black red or chocolate pigment to give to required back ground and 0.05 cum of marble chippings)	sqm	155.31	412.96	170.84	428.49

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.31	40mm thick black red or chocolate terrazzo topping rubbed and polished to a granolithic finish under layer 31 mm thick cement concrete 1:2:4 and top layer 9mm thick with 4mm to 7mm gauge white marble makrana chipping laid in 3:1:6 (37.50 Kg of ordinary grey cement 12.5 kg marble powder with admixture to black red or chocolate pigment to give to required back ground and 0.05 cum of marble chippings).	sqm	175.88	490.26	193.47	507.85
14.32	40mm thick black red or chocolate terrazzo topping rubbed and polished to a granolithic finish under layer 28 mm thick cement concrete 1:2:4 and top layer 12mm thick with 7mm to 10mm gauge white marble makrana chipping laid in 3:1:6 (37.50 Kg of ordinary grey cement 12.5 kg marble powder with admixture to black red or chocolate pigment to give to required back ground and 0.05 cum of marble chippings).	sqm	175.88	519.78	193.47	537.37
14.33	40mm thick orange, buff, yellow, or pink terrazzo topping rubbed and polished to a granolithic finish under layer 34mm thick cement concrete 1:2:4 and top layer 6 mm thick with 4mm to 7mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.5 Kg of white cement and 12.5 kg of marble powder with admixture of orange buff, yellow or pink pigment to give to required back ground and 0.05 cum of marble chippings).	sqm	155.31	451.52	170.84	467.05
14.34	40mm thick orange, buff, yellow, or pink terrazzo topping rubbed and polished to a granolithic finish under layer 31mm thick cement concrete 1:2:4 and top layer 9 mm thick with 4mm to 7 mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.50 Kg of white cement with admixture of orange buff, yellow or pink pigment to give to required back ground and 0.05 cum of marble chippings).	sqm	175.88	547.08	193.47	564.67

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.35	40mm thick orange, buff, yellow, or pink terrazzo topping rubbed and polished to a granolithic finish under layer 28mm thick cement concrete 1:2:4 and top layer 12 mm thick with 7mm to 10 mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.50 Kg of white cement with admixture of orange buff, yellow or pink pigment to give to required back ground and 0.05 cum of marble chippings).	sqm	175.88	603.07	193.47	620.66
14.36	40mm thick blue or green terrazzo topping rubbed and polished to a granolithic finish under layer of 34mm thick cement concrete 1:2:4 and top layer 6mm thick with 1mm to 4 mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.50 Kg of white cement with admixture of blue or green colour to give required back ground and 0.05 cum of white marble chippings).	sqm	155.31	451.52	170.84	467.05
14.37	40mm thick blue or green terrazzo topping rubbed and polished to a granolithic finish under layer of 31 mm thick cement concrete 1:2:4 and top layer 9mm thick with 4mm to 7mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.5 Kg of white cement 12.5 kg with admixture of blue or green colour to give required back ground and 0.05 cum of marble chippings).	sqm	175.88	547.08	193.47	564.67
14.38	40mm thick blue or green terrazzo topping rubbed and polished to a granolithic finish under layer of 28 mm thick cement concrete 1:2:4 and top layer 12 mm thick with 7mm to 10 mm gauge white marble makrana chipping from indigenous marble laid in 3:1:6 (37.5 Kg of white cement 12.5 kg with admixture of blue or green colour to give required back ground and 0.05 cum of marble chippings).	sqm	175.88	603.07	193.47	620.66
14.39	50mm thick ironite (Metallic Floor Hardener to be mixed with Granolithic topping for heavy duty floors) floor consisting of 40mm thick cement concrete 1:2:4 base and top layer 10mm thick laid with one part of ironite and grey cement mixed together in the ratio of 1:4 by weight to two parts of hard granite chippings 6mm gauge by volume finished smooth with hard rubbing.	sqm	167.43	398.71	184.17	415.45

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.40	20mm thick grey terrazzo skirting or dado, rubbed and polished granolithic finish under layer 14mm thick cement sand plaster 1:3 and top layer 6mm thick with 1mm to 4 mm gauge, white marble makrana chippings laid in 1:1½ (50 Kg of ordinary grey cement and 0.05 cum of whit marble chippings) including rounding of junctions.	sqm	303.07	435.12	333.38	465.43
14.41	20mm thick grey terrazzo skirting or dado, rubbed and polished granolithic finish under layer 11mm thick cement sand plaster 1:3 and top layer 9mm thick with 4mm to 7 mm gauge, white marble makrana chippings laid in 1:1½ (50 Kg of ordinary grey cement and 0.05 cum of whit marble chippings) including rounding of junctions.	sqm	303.07	458.58	333.38	488.89
14.42	20mm thick grey terrazzo skirting or dado, rubbed and polished granolithic finish under layer 8 mm thick cement sand plaster 1:3 and top layer 12mm thick with 7mm to 10 mm gauge, white marble makrana chippings laid in 1:1½ (50 Kg of ordinary grey cement and 0.05 cum of whit marble chippings) including rounding of junctions.	sqm	303.07	508.85	333.38	539.16
14.43	20mm thick white terrazzo skirting or dado, rubbed and polished to a granolithic finish, layer 14mm thick cement sand plaster 1:3 and top layer 6mm thick with 1mm to 4 mm gauge, white marble makrana chippings laid in 1:1½ (50 Kg of ordinary grey cement and 0.05 cum of whit marble chippings) including rounding of junctions.	sqm	303.07	481.93	333.38	512.24
14.44	20mm thick white terrazzo skirting or dado, rubbed and polished to a granolithic finish, under layer 11mm thick cement sand plaster 1:3 and top layer 9mm thick with 4mm to 7mm, gauge white marble makrana chippings laid in 3:1:6 (37.50 Kg of ordinary grey cement 12.50 kg marble powder and 0.05 cum of white marble chippings) including rounding of junctions.	sqm	303.07	527.77	333.38	558.08

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.45	20mm thick white terrazzo skirting or dado, rubbed and polished granolithic finish under layer 8 mm thick cement sand plaster 1:3 and top layer 12mm thick with 7mm to 10 mm gauge, white marble makrana chippings laid in 3:1:6 (37.50 Kg of white cement, 12.5 kg marble powder and 0.05 cum of white marble chippings) including rounding of junctions.	sqm	303.07	602.46	333.38	632.77
14.46	20mm thick black, red or chocolate terrazzo skirting or dado, rubbed and polished to a granolithic finish, layer 14mm thick cement sand plaster 1:3 and 6mm thick with 3mm gauge, white marble makrana chippings from indigenous marble laid in 1:1½ (50 Kg of ordinary grey cement with admixture of black, red or chocolate pigment to give required back ground and 0.05 cum of marble chippings (including rounding of junctions).	sqm	303.07	492.68	333.38	522.99
14.47	20mm thick black, red or chocolate terrazzo skirting or dado, rubbed and polished to a granolithic finish, layer 11mm thick cement sand plaster 1:3 and 9mm thick with 4mm to 7mm gauge, white marble laid chippings from indigenous marble laid in 1:1½ (50 Kg of ordinary grey cement with admixture of black, red or chocolate pigment to give required back ground and 0.05 cum of marble chippings (including rounding of junctions).	sqm	303.07	516.14	333.38	546.45
14.48	20mm thick black, red or chocolate terrazzo skirting or dado, rubbed and polished to a granolithic finish, under layer 8mm thick cement sand plaster 1:3 and 12mm thick with 7mm to 10mm gauge, white marble laid chippings from indigenous marble laid in 1:1½ (50 Kg of ordinary grey cement with admixture of black, red or chocolate pigment to give required back ground and 0.05 cum of marble chippings (including rounding of junctions).	sqm	303.07	623.98	333.38	654.29

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.49	20mm thick orange bluff, yellow or pink terrazzo skirting or dado, rubbed and polished to a granolithic finish, under layer 14mm thick cement sand plaster 1:3 and top layer 6mm thick with 1 mm to 4 mm gauge, white marble makrana chippings from indigenous marble laid in 3:1:6 (37.50 Kg of white cement, 12.50 kg marble powder with admixture of orange bluff, yellow or pink pigment to give required back ground and 0.05 cum of white marble chippings (including rounding of junctions).	sqm	303.07	450.59	333.38	480.90
14.50	20mm thick orange bluff, yellow or pink terrazzo skirting or dado, rubbed and polished to a granolithic finish, under layer 11mm thick cement sand plaster 1:3 and top layer 9mm thick with 4mm to 7mm gauge, white marble makrana chippings laid in 3:1:6 (37.50 Kg of white cement 12.50kg marble powder with admixture of orange buff, yellow or pink pigment to give required back ground and 0.05 cum of white marble chippings (including rounding of junctions).	sqm	303.07	626.41	333.38	656.72
14.51	20mm thick orange bluff, yellow or pink terrazzo skirting or dado, rubbed and polished to a granolithic finish, under layer 8 mm thick cement sand plaster 1:3 and top layer 12mm thick with 7mm to 10mm gauge, white marble makrana chippings laid in 3:1:6 (37.50 Kg of white cement 12.50kg marble powder with admixture of orange buff, yellow or pink pigment to give required back ground and 0.05 cum of white marble chippings (including rounding of junctions).	sqm	272.35	731.99	299.58	759.22
14.52	20mm thick blue or green skirting or dado, rubbed and polished to a granolithic finish, under layer 14mm thick cement sand plaster 1:3 and top layer 6mm thick with 1mm to 4 mm gauge, white marble makrana chippings from indigenous marble laid in 1:1½ (50 Kg of white cement with admixture of blue or green pigment to give required back ground and 0.05 cum of white marble chippings (including rounding of junctions).	sqm	300.26	476.60	330.29	506.63

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.53	20mm thick blue or green skirting or dado, rubbed and polished to a granolithic finish, under layer 11mm thick cement sand plaster 1:3 and top layer 9mm thick with 4mm to 7mm gauge, white marble makrana chippings from indigenous marble laid in 3:1:6 (37.5 Kg of white cement, 12.5 kg marble powder with admixture of blue or green pigment to give required back ground and 0.05 cum of white marble chippings (including rounding of junctions).	sqm	303.07	533.26	333.38	563.57
14.54	20mm thick blue or green skirting or dado, rubbed and polished to a granolithic finish, under layer 8mm thick cement sand plaster 1:3 and top layer 12mm thick with 7mm to 10mm gauge, white marble makrana chippings from indigenous marble laid in 3:1:6 (37.5 Kg of white cement, 12.5 kg marble powder with admixture of blue or green pigment to give required back ground and 0.05 cum of white marble chippings (including rounding of junctions).	sqm	300.26	572.26	330.29	602.29
14.55	(a) Extra over item no: 14.24 and 14.40 if 33 % white cement in 6mm thick top layer is used.	sqm	-	13.78	-	13.78
	(b) Extra labour for projected nosing of stair case of any shape and design over item Nos. 14.24 and 14.40 if 33 % white cement in 6mm thick top layer is used.	m	27.91	27.91	30.70	30.70
14.56	Stamping or making grooves on the top of steps in stair case.	m	104.84	104.84	115.32	115.32
14.57	Precast terrazzo tiles of 20mm minimum thickness in ordinary grey cement with marble chips of size and colour as required laid on 20mm thick bed of cement mortar 1:3 (1 cement 3 sand) with neat cement slurry between joints and over the base for floors, treads of steps and landings including rubbing and polishing.	sqm	224.51	543.48	246.96	565.93
14.58	Precast chequered tiles of 20mm minimum thickness in ordinary grey cement without chips laid on 20mm thick bed of cement mortar 1:3 with neat cement slurry between joints and over the base for floors, treads of steps and landings.	sqm	93.60	387.45	102.96	396.81

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.59	Precast P.C.C. tiles conforming to IS 1237-1980, 20 cm x 20 cm x 2.5 cm in ordinary grey cement without chips laid on 20mm thick bed of cement mortar 1:3 with neat cement slurry between joints and over the base for floors, treads of steps and landings.	sqm	93.60	399.72	102.96	409.08
14.60	Precast P.C.C. tiles conforming to IS 1237-1980, 25 cm x 25 cm x 2.5 cm in ordinary grey cement without chips laid on 20mm thick bed of cement mortar 1:3 with neat cement slurry between joints and over the base for floors, treads of steps and landings.	sqm	93.60	436.75	102.96	446.11
14.61	Precast P.C.C. tiles conforming to IS 1237-1980, 30 cm x 30 cm x 2.5 cm in ordinary grey cement without chips laid on 20mm thick bed of cement mortar 1:3 with neat cement slurry between joints and over the base for floors, treads of steps and landings.	sqm	93.60	461.44	102.96	470.80
14.62	Precast terrazzo tiles of 20mm minimum thickness in white cement with marble chips of size and colour as required laid on 20mm thick bed of cement mortar 1:3 (1 cement and 3 sand) with neat cement slurry made of white cement between joints and over the base for floors, treads of steps and landings including rubbing and polishing.	sqm	205.90	595.42	226.49	616.01
14.63	Precast terrazo tiles of 20mm minimum thickness in white cement mixed with buff, yellow, chocolate or orange pigment as required laid in 20mm thick bed of cement mortar 1:3 with neat cement slurry mixed with pigment to match the shade of tiles between joints and over the base in floors, treads of steps and landings including rubbing and polishing.	sqm	205.90	616.46	226.49	637.05
14.64	Precast terrazo tiles of 20mm minimum thickness in white cement mixed with black red or chocolate with marble chips of size and colour as per required laid on 20mm thick bed of cement mortar 1:3 with neat cement slurry mixed with pigment to match the shade of tiles between joints and over the base in floors, treads of steps and landings including rubbing and polishing.	sqm	205.90	545.91	226.49	566.50

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.65	Precast terrazo tiles of 20mm minimum thickness in ordinary white cement mixed with green or blue pigment with marble chips of size and colour as per required laid on 20mm thick bed of cement mortar 1:3 with neat cement slurry mixed with pigment to match the shade of tiles between joints and over the base in floors, treads of steps and landings including rubbing and polishing.	sqm	205.90	616.46	226.49	637.05
14.66	Precast terrazo tiles of 12.5 minimum thickness in ordinary cement with marble chips of size and colour as required laid on 10mm thick cement plaster 1:3 jointed with neat cement slurry in skirting or dado and risers of steps including and rubbing and polishing.	sqm	277.79	516.06	305.57	543.84
14.67	Precast terrazo tiles of 12.5mm minimum thickness in white cement with marble chips of size and colour as required laid on 10mm thick cement plaster 1:3 jointed with neat cement slurry in skirting or dado and risers of steps including and rubbing and polishing.	sqm	277.79	594.95	305.57	622.73
14.68	Precast terrazo tiles of 12.5mm minimum thickness in white cement with , buff, yellow chocolate or orange pigment with marble chips of size and colour as required, laid on 10mm thick cement plaster 1:3 and jointed with neat cement slurry with pigment to match the shade of tiles in skirting, dado and risers of steps including rubbing and polishing.	sqm	277.79	615.99	305.57	643.77
14.69	Precast terrazo tiles of 12.5mm minimum thickness in ordinary cement mixed with black red or chocolate pigment marble chips of size and colour as required, laid on 10mm thick cement plaster 1:3 and jointed with neat cement slurry with pigment to match the shade of tiles in skirting, dado and risers of steps including and polishing.	sqm	277.79	537.10	305.57	564.88
14.70	Precast terrazo tiles of 12.5mm minimum thickness in white cement mixed with green or blue pigment as required, laid on 10mm thick cement plaster 1:3 and jointed with neat cement slurry with pigment to match the shade of tiles in skirting, dado and risers of steps including and polishing.	sqm	277.79	615.99	305.57	643.77

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.71	Anti-skid floor tiles 10mm thick in flooring skirting and dado in 12.5mm thick cement plaster 1:3 in base and jointed with white cement slurry in joints including corners angles and beading.	sqm	200.78	722.07	220.86	742.15
14.72	White marble tile with grey streaks' arranged from Makrana, Doongri, Adanga veined and chack Doongri flooring 15mm to 20mm thick of various size over 12.5mm thick cement course sand mortar 1:3 laid and jointed with white cement slurry mixed with pigment to match the shade of marble including rubbing and polishing.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	559.92	1030.72	615.91	1086.71
	(b) Slabs sizes 30cm x 30cm to 45 cm x 60 cm	sqm	559.92	1159.76	615.91	1215.75
	(c) Slabs size above 45 cm x 60 cm	sqm	559.92	1482.36	615.91	1538.35
14.73	Kumari grey without oxide and cavities flooring 15mm to 20mm thick of varying sizes over 12.5mm thick base of Cement mortar 1:3 laid and jointed with white cement slurry with pigment to match the shade of marble including rubbing & Polishing.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	559.92	966.19	615.91	1022.18
	(b) Slabs sizes 30cm x 30cm to 45 cm x60 cm	sqm	559.92	1095.23	615.91	1151.22
	(c) Slabs size above 45 cm x 60 cm	sqm	559.92	1417.84	615.91	1473.83
14.74	Black Marble tiles of Kishangarn, Zebra, Makrana , Dhabhi or Doongri Zebra flooring 15mm to 20 mm thick of various sizes over 12.5 mm thick base of cement mortar 1:3 laid and jointed with white cement slurry mixed with pigment to match the shade of marble including rubbing and polishing.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	559.92	1030.72	615.91	1086.71

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
	(b) Slabs sizes 30cm x 30cm to 45 cm x60 cm	sqm	559.92	1159.76	615.91	1215.75
	(c) Slabs size above 45 cm x 60 cm	sqm	559.92	1482.36	615.91	1538.35
14.75	Pink Marble tiles of Makrana & Adanga flooring 15 mm 20 mm thick of various sizes over 12.5 mm thick base of cement mortar 1:3 laid and jointed with white cement slurry mixed with pigment to match the shade of marble including rubbing and polishing.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	559.92	1095.23	615.91	1151.22
	(b) Slabs sizes 30cm x 30cm to 45 cm x60 cm	sqm	559.92	1224.28	615.91	1280.27
	(c) Slabs size above 45 cm x 60 cm	sqm	559.92	1579.14	615.91	1635.13
14.76	White marble tiles with grey streaks arranged from Markrana, Doongri, Adanga and Chak Doongri veined of 15 mm to 20 mm thick in risers of skirting dado, pillars and wall lining including matching the 1:3 and jointed neat cement slurry including the cost of cramps labour for fixing cramps pins and dowels etc. including rubbing and polishing complete in all respect.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	463.62	1216.21	509.98	1262.57
	(b) Slabs Sizes 30 cm x 30 cm to 45 cm x 60 cm	sqm	463.62	1345.26	509.98	1391.62
	(c) Slabs Sizes above 45 cm x 60 cm	sqm	463.62	1667.85	509.98	1714.21
14.77	Kumari grey without oxide and cavities marble tiles of 15mm to 20 mm thick in risers of step skirting pillars and well lining including matching the grains of marble slabs in any patterns as specified laid cramps pins for fixing cramps and dowels etc. including rubbing and polishing complete in all respects.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	463.62	1151.68	509.98	1198.04

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
	(b) Slabs Sizes 30 cm x 30 cm to 45 cm x 60 cm	sqm	463.62	1280.73	509.98	1327.09
	(c) Slabs Sizes above 45 cm x 60 cm	sqm	463.62	1603.34	509.98	1649.70
14.78	Black Marble Tiles of Kishangarh, Zebra, Makrana, Dhabi or Doongri, zebra of various sizes of 15 mm to 20 mm thick in risers of steps, skirting, dado, pillars and wall lining including matching the grains of marble slabs in any pattern as specified of various sizes laid on 12.5 mm thick cement : coarse sand mortar 1:3, jointed with neat cement slurry mixed with pigment to match the shade of marble including the cost of cramps, pins , labour for fixing cramps, pins and dowels etc. including rubbing and polishing complete in all respects.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	463.62	1209.32	509.98	1255.68
	(b) Slabs Sizes 30 cm x 30 cm to 45 cm x 60 cm	sqm	463.62	1338.37	509.98	1384.73
	(c) Slabs Sizes above 45 cm x 60 cm	sqm	463.62	1660.96	509.98	1707.32
14.79	Pink Marble Tiles of Makrana and Adanga of various sizes of 15 mm to 20 mm thick in risers of steps, skirting, dado , pillars and wall lining including matching the grains of marble slabs in any pattern as specified slurry mixed with pigments to pattern to match the shade of marble including the cost and labour for filing camps pins and dowels etc. including rubbing and polishing complete in all respects.					
	(a) Tiles Size 15 cm x 15 cm to 28 cm 28 cm	sqm	463.62	1280.73	509.98	1327.09
	(b) Slabs Sizes 30 cm x 30 cm to 45 cm x 60 cm	sqm	463.62	1409.77	509.98	1456.13
	(c) Slabs Sizes above 45 cm x 60 cm	sqm	463.62	1764.63	509.98	1810.99

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.80	White glazed tiles 10 cm x 10 cm and 6 mm thick in skirting and dado on 12 mm thick cement plaster 1:3 in base an joined with white cement slurry in joints including bevelled corners.	sqm	323.32	706.47	355.65	738.80
14.81	White glazed tiles 20 cm x 10 cm and 5 mm thick in skirting and dado on 12 mm thick cement plaster 1:3 in base an joined with white cement slurry in joints including bevelled corners.	sqm	323.32	706.47	355.65	738.80
14.82	White glazed tiles 20 cm x 20 cm and 5 mm thick in skirting and dado on 12 mm thick cement plaster 1:3 in base an joined with white cement slurry in joints including bevelled corners.	sqm	323.32	712.31	355.65	744.64
14.83	Coloured glazed tiles 15 cm x 15 cm x 5 mm in skirting and dado on 12 mm thick cement plaster 1:3 in base an joined with white cement slurry in joints including bevelled corners.	sqm	323.32	770.43	355.65	802.76
14.84	Coloured glazed tiles 20 cm x 10 cm and 5 mm thick in skirting and dado on 12 mm thick cement plaster 1:3 in base an joined with white cement slurry in joints including bevelled corners.	sqm	323.32	786.71	355.65	819.04
14.85	Coloured glazed tiles 20 cm x 20 cm and 5 mm thick in skirting and dado on 12 mm thick cement plaster 1:3 in base an joined with white cement slurry in joints including bevelled corners.	sqm	323.32	794.57	355.65	826.90
14.86	Chittor black marble tiles 15mm to 20 mm thick in risers of steps, skirting dado, walls and pillars laid in 12.5 mm thick cement mortar 1:3 and jointed with neat cement slurry mixed with pigments to match the shade of marble including rubbing and polishing.	sqm	849.66	1727.92	934.63	1812.89
14.87	Rough red sand stone (from Agra) 40mm thick set in cement mortar 1:5 (1 cement 5 sand).	sqm	151.16	586.39	166.28	601.51
14.88	Kota stone tile flooring 20mm to 30 mm thick over 12.5mm thick base of cement mortar 1:3 (1 cement, 3 Sand) laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone including rubbing and polishing.	sqm	436.22	954.05	479.84	997.67

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.89	Kota stone rough dressed 40mm to 50mm thick slabs, set to pattern in pavements over 20mm thick base of cement mortar (1 cement, 3 Sand) laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone.	sqm	436.22	1032.23	479.84	1075.85
14.90	Kota stone tiles 20mm thick in skirting risers of steps, dado walls and pillars laid in 12.5mm thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with neat cement slurry mixed with pigment to match the shade of stone, including rubbing and polishing.	sqm	434.91	977.51	478.40	1021.00
14.91	Black Granite stone tiles 20mm thick in skirting, risers of steps, dado walls and pillars laid in 12.5mm thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with neat cement slurry mixed with pigment to match the shade of stone, including rubbing and polishing including labour for fixing dowel pins and cramps.	sqm	539.58	3277.99	593.54	3331.95
14.92	Coloured Granite stone tiles 20mm thick in skirting, risers of steps, dado walls and pillars laid in 12.5mm thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with neat cement slurry mixed with pigment to match the shade of stone, including rubbing and polishing including labour for fixing dowel pins and cramps.	sqm	538.26	3598.88	592.09	3652.71
14.93	Fine dressed red stone (From Agra) 40mm thick set in cement mortar 1:5 including pointing with cement mortar 1:2 with an admixture of pigment to match the shade of stone.	sqm	326.45	782.78	359.10	815.43
14.94	Fine dressed red sand stone (from Agra) 40mm thick set in cement mortar 1:3 including painting with cement mortar 1:2 with an admixture of pigment to match the shade of stone.	sqm	326.45	800.44	359.10	833.09
14.95	Teak wood 25 mm planking tongued and grooved flooring including fixing with screws complete.	sqm	133.93	2255.31	147.32	2268.70
14.96	Teak wood 40mm planking tongued and grooved flooring including fixing with screw complete.	sqm	133.93	3669.57	147.32	3682.96

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.97	Parquet flooring 40mm thick consisting of 1st class well seasoned shisham wood of standard pattern laid in flooring consisting of bitumen applied hot @ 4.86 Kg. Per Square metre over 12.5mm thick cement sand plaster 1:4 top surface rubbed smooth and wax polished to a fine finish. A parquet floor is a wooden floor made from many pieces of wood fitted together.	sqm	496.69	3088.63	546.36	3138.30
14.98	Rough red stone (From Agra) 40mm thick, set in cement sand mortar 1:3 including pointing with cement mortar 1:2 with an admixture of pigment to match the shade of stone.	sqm	151.16	595.21	166.28	610.33
14.99	Rough red sand stone (From Agra) 40mm thick, set in cement sand mortar 1:5 including pointing with cement mortar 1:2 with an admixture of pigment to match the shade of stone.	sqm	151.16	578.60	166.28	593.72
14.100	Providing and laying plain coloured 3.20mm gauge linoleum covering to floors laid dry. The term linoleum has been derived from the Latin words linum, meaning linseed, and oleum, meaning oil. Linoleum flooring can be described as a type of flooring that makes use of solidified linseed oil (linoxyn) as the base, along with wood flour, tree resins, cork dust, a touch of ground limestone and pigments (for adding colour).	sqm	17.18	447.23	18.90	448.95
14.101	Providing and laying plain coloured 3.20mm gauge linoleum covering to floors laid dry, if linoleum of exact size is used. The term linoleum has been derived from the Latin words linum, meaning linseed, and oleum, meaning oil. Linoleum flooring can be described as a type of flooring that makes use of solidified linseed oil (linoxyn) as the base, along with wood flour, tree resins, cork dust, a touch of ground limestone and pigments (for adding colour).	sqm	17.18	508.49	18.90	510.21
14.102	Providing and laying resilient vinyl sheet floor covering 2 mm thick, having a vinyl plastic wear layer with backing intended for use in light commercial and residential buildings, duly fixed to the base floor using adhesive as approved by the manufacturer.	sqm	55.02	624.08	60.52	629.58

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.103	Providing and laying Laminate wooden flooring (Grade AC3 or AC3+ laminates) 6 mm to 12 mm thick, having core made up of medium-density fibreboard (MDF),which is less resistant to impact damage and less resistant to being dented by heavy furniture, having a décor layer to give each floor its appearance and consisting of one or more sheets of paper impregnated with melamine resin and top wear layer having clear aluminium oxide finish that protects the decorative layer & imparts the desired level of sheen, from full gloss to low gloss, duly fixed to the base floor using adhesive as approved by the manufacturer.	sqm	96.19	1368.24	105.81	1377.86
	NOTE:- AC3 Grade has no backing material while higher grades are provided with a cotton type sheet backing further backed by a sound proofing sheet backing.					
14.104	Providing and laying Laminate wooden flooring (Grade AC4 or AC4+ laminates) 6 mm to 12 mm thick, having a good backing layer made up of plastic laminate or melamine, core made up of medium-density fibreboard (MDF),which is less resistant to impact damage and less resistant to being dented by heavy furniture, having a décor layer to give each floor its appearance and consisting of one or more sheets of paper impregnated with melamine resin and top wear layer having clear aluminium oxide finish that protects the decorative layer & imparts the desired level of sheen, from full gloss to low gloss, duly fixed to the base floor using adhesive as approved by the manufacturer.	sqm	96.19	2022.66	105.81	2032.28
14.105	Deodar wood 40mm thick planking tongued and grooved flooring including fixing with screws complete.	sqm	174.83	4087.52	192.31	4105.00
14.106	Kail wood 40mm thick planking tongued and grooved flooring including fixing with screws complete.	sqm	174.83	3811.81	192.31	3829.29
14.107	Providing & fixing glass strips 3mm thick in floor (a) 40mm wide.					
	(a) 40 mm wide	m	6.92	19.55	7.61	20.24

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
	(b) 32 mm wide	m	6.92	17.02	7.61	17.71
	(c) 25 mm wide	m	6.92	14.07	7.61	14.76
14.108	Providing & fixing glass strips 4mm thick in floors.					
	(a) 50 mm wide	m	6.92	30.81	7.61	31.50
	(b) 40 mm wide	m	6.92	25.16	7.61	25.85
	(c) 32 mm wide	m	6.92	23.75	7.61	24.44
	(d) 25 mm wide	m	6.92	22.35	7.61	23.04
14.109	Providing & fixing 4 mm thick marble strips in joints of terrazo / cement concrete floors.					
	(a) 50 mm wide	m	6.92	31.58	7.61	32.27
	(b) 40 mm wide	m	6.92	43.92	7.61	44.61
14.110	Sand filling under floor and in wells of bridge foundation including handling within 100 metres.	cum	25.80	-	28.38	-
14.111	Providing and fixing flat iron strip 40mmx5mm thick in flooring (in stepping of floor) including cutting straightening & fixing with nails etc. complete fixed in position.	m	15.99	61.33	17.59	62.93
14.112	Dholpur stone tiles 25 mm thick in wall facing (lining) laid in any pattern as specified on 12.5 mm thick cement sand plaster 1:3 and jointed with neat cement slurry mixed with pigment to match the shade of stone including rubbing & polishing including labour for fixing cramps, pins & dowels etc.	sqm	538.26	1080.10	592.09	1133.93
14.113	Butch work with rough dressed Dholpur stone 40 mm to 50 mm thick laid on 12.5 mm thick cement coarse sand mortar 1:3 including dressing & cutting the stone to required shape & size.	sqm	538.26	1107.03	592.09	1160.86
14.114	Fine dressed and machine rubbed red sand stone (from Agra) 25 mm to 50 mm thick lining on wall, pillars, skirting, dado & risers of steps laid in any pattern as specified on 12.5 mm thick cement coarse sand mortar 1:3 with neat cement slurry admixture of pigment to match the shade of stone including labour for fixing cramps, dowels, pins, etc.	sqm	370.79	953.02	407.87	990.10

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.115	Deleted	-	-	-	-	-
14.116	Brick on edge flooring with bricks of class designation 105 , including cement slurry etc. complete in cement mortar 1:4 with F.P.S. bricks.	sqm	71.53	412.95	78.68	420.10
14.117	Providing and laying 50 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in ordinary grey colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Non traffic Areas such as Building Premises, monument premises, landscapes, public gardens / parks, domestic drives, paths & patios, embankment slopes, sand stabilization area, etc.	sqm	120.78	500.92	132.86	513.00
14.118	Providing and laying 50 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Dark fast Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Non traffic Areas such as Building Premises, monument premises, landscapes, public gardens / parks, domestic drives, paths & patios, embankment slopes, sand stabilization area, etc.	sqm	120.78	546.16	132.86	558.24

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.119	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M-35 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Ordinary Grey Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Light Traffic Areas such as Pedestrian plazas, shopping complexes, ramps, car parks, office driveways, housing colonies, office complexes, rural roads with low volume traffic, farm houses, beach sites, tourist resorts, local authority footways, residential roads, etc.	sqm	120.78	537.34	132.86	549.42
14.120	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M-35 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Dark fast Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Light Traffic Areas such as Pedestrian plazas, shopping complexes, ramps, car parks, office driveways, housing colonies, office complexes, rural roads with low volume traffic, farm houses, beach sites, tourist resorts, local authority footways, residential roads, etc.	sqm	120.78	591.99	132.86	604.07
14.121	Providing and laying 80 mm thick factory made cement concrete interlocking paver block of M- 40 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Ordinary Grey Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Medium Traffic Areas such as City streets, small & medium market roads, low volume roads, utility cuts on arterial roads, etc.	sqm	120.78	827.39	132.86	839.47

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.122	Providing and laying 80 mm thick factory made cement concrete interlocking paver block of M- 40 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Dark fast Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge or Medium Traffic Areas such as City streets, small & medium market roads, low volume roads, utility cuts on arterial roads, etc.	sqm	120.78	872.64	132.86	884.72
14.123	Providing and laying 100 mm thick factory made cement concrete interlocking paver block of M- 50 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Ordinary Grey Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Heavy Traffic Areas such as Bus terminals, Industrial complexes, mandi houses, roads on expansive soils, factory floor, service stations, Industrial pavements.	sqm	148.74	1020.96	163.61	1035.83
14.124	Providing and laying 100 mm thick factory made cement concrete interlocking paver block of M- 50 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Dark fast Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Heavy Traffic Areas such as Bus terminals, Industrial complexes, mandi houses, roads on expansive soils, factory floor, service stations, Industrial pavements.	sqm	148.74	1066.21	163.61	1081.08

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.125	Providing and laying 120 mm thick factory made cement concrete interlocking paver block of M- 55 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Ordinary Grey Colour and pattern over and including 50 mm thick compacted bed of Coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Very Heavy Traffic Areas such as Container terminals, ports, docks yards, mine access roads, bulk cargo handling areas, airport pavements, etc.	sqm	148.74	1131.82	163.61	1146.69
14.126	Providing and laying 120 mm thick factory made cement concrete interlocking paver block of M-55 grade as per IS: made by block making machine with strong vibratory compaction and of approved size and design / shape laid in Dark fast Colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc, all complete as per directions of Engineer-in-Charge for Very Heavy Traffic Areas such as Container terminals, ports, docks yards, mine access roads, bulk cargo handling areas, airport pavements, etc.	sqm	148.74	1178.65	163.61	1193.52

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.127	<p>Providing and laying vitrified floor tiles of Size 600 x 600 mm in different sizes in light colour shades made using Soluble Salt Technology (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 fine sand), complete. (Soluble salt Print Penetration should be up to 1 to 2 mm after the tiles are fired & polished).</p> <p>(Soluble Salt Technology :- SST is an old and cheaper technology and is meant for tiles placed in low traffic areas. In this process, the yet unfired tile body is given a liquid colour screen-printing to create the design on the tile. It is called Soluble Salt Technology because soluble salt is used for giving the tile a particular pattern and colour. With this technology 2 - 2.7mm print are penetrated into the tile. Once the tiles have been fired and polished in order to create a glossy surface, approximately 0.7mm of the soluble print is shaved off, leaving a total print penetration of only 1 to 2 mm.)</p>	sqm	121.42	832.86	133.56	845.00
14.128	<p>Providing and laying vitrified floor tiles of Size 600 x 600 mm in different sizes in light colour shades made using Double Charge technology (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 fine sand), complete. (Design is homogenous throughout the tile body).</p> <p>(Double Charge technology :-Double Charge technology is far more advanced than SST. This technology uses granules in order to create different shades. Tiles using this technology are ideal for high-traffic areas. These are the latest technologies of making vitrified tiles. In these technologies, design is brought in a tile by using dry colour powders during the tile body (green tiles) is being pressed in a tile press. This is also called random powder technology which is considered as the latest method of manufacturing Vitrified Tiles. Here designs are found throughout the tile body.)</p>	sqm	121.42	1198.11	133.56	1210.25

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.129	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Soluble Salt Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement :4 fine sand) for new flooring laid with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base etc., complete	sqm	121.42	887.60	133.56	899.74
14.130	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Double Charge Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement :4 fine sand) for new flooring laid with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base,etc. complete (Design is homogenous throughout the tile body).	sqm	121.42	1252.84	133.56	1264.98
14.131	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Soluble Salt Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement :4 fine sand) for new flooring laid with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base, including grouting the joints (Tiles to be laid with 2mm to 3 mm gap using spacers and later this gap to be filled with cement based grout) with Cement base grout and matching pigments etc., complete	sqm	194.28	1006.74	213.71	1026.17

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.132	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Double Charge Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement :4 fine sand) for new flooring laid with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base, including grouting the joints (Tiles to be laid with 2mm to 3 mm gap using spacers and later this gap to be filled with cement based grout). with cement based grout and matching pigments etc., complete (Design is homogenous throughout the tile body).	sqm	194.28	1372.00	213.71	1391.43
14.133	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Soluble Salt Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on existing flooring laid with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base etc., complete	sqm	121.42	859.26	133.56	871.40
14.134	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Double Charge Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on existing flooring with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base,etc. complete (Design is homogenous throughout the tile body).	sqm	121.42	1224.50	133.56	1236.64

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.135	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Soluble Salt Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on existing flooring laid with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base, including grouting the joints (Tiles to be laid with 2mm to 3 mm gap using spacers and later this gap to be filled with cement based grout) with Cement base grout and matching pigments etc., complete	sqm	194.28	979.74	213.71	999.17
14.136	Providing and laying vitrified floor tiles 600x600mm size premium quality, manufactured using Double Charge Technology, with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on existing flooring with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing base, including grouting the joints (Tiles to be laid with 2mm to 3 mm gap using spacers and later this gap to be filled with cement based grout). with cement based grout and matching pigments etc., complete (Design is homogenous throughout the tile body).	sqm	194.28	1343.64	213.71	1363.07
14.137	Extra Cost for using darker fast shade Vitrified or Rectified Tiles instead of lighter shades.	sqm	-	176.74	-	176.74

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.138	Providing and laying Rectified Porcelain floor tiles 400x400mm or more (thickness to be specified by the manufacturer) of premium quality conforming to IS:15622 of approved make in all colours laid on 20mm thick bed of Cement Mortar 1:4 (1 Cement : 4 Fine sand) for new flooring complete Rectified tiles have finished edges allowing them to be placed closer together for a narrower grout joint as opposed to other tiles and are more expensive. Unlike typical factory-edged tile, rectified tile is cut to size after the firing process. This process creates a precise, 90 degree angle edge and, as a result, can be laid with a tighter grout joint than un rectified tile. It gives a smooth, sophisticated and continuous look to the floor. Using a rectified tile allows you to place the tiles much closer together using tighter joint spacing. This makes the grout less visible as there is actually less grout used. When a wide space is used between tiles, the grout becomes a distinct part of the design and if the grout does not blend well with the tiles it can create a less than professional looking finish. In addition, the grout can easily become soiled and discoloured over time and will detract from the look of the tile itself.	sqm	143.79	837.56	158.17	851.94
14.139	Providing and laying Rectified Porcelain floor tiles 400x400mm or more (thickness to be specified by the manufacturer) of premium quality conforming to IS:15622 of approved make in all colours laid on 20mm thick bed of Cement Mortar 1:4 (1 Cement : 4 Fine sand) for new flooring or laid with cement based high polymer modified quick set tile adhesive (water based) of approved make IS 15477 marked using 5 Kg adhesive per sqm of tile area in average 3mm thickness over existing floor, including pointing the joints with white cement and matching pigments etc., complete	sqm	143.79	892.29	158.17	906.67
14.140	Deduct for not using 20mm thick cement mortar 1:4 (1 cement : 4 fine sand) bedding in laying of floor tiles.	sqm	72.85	118.63	80.14	125.92

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.141	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make in all colours, shades except burgundy, bottle green, black of size 200 x 300 mm as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:4 (1 cement: 4 fine sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	111.13	500.62	122.24	511.73
14.142	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make in all colours, shades except burgundy, bottle green, black of size 250 x 330 mm as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:4 (1 cement: 4 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	111.13	553.13	122.24	564.24
14.143	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make in all colours, shades except burgundy, bottle green, black of size 310 x 450 mm as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:4 (1 cement: 4 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	111.13	706.64	122.24	717.75

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.144	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make in all colours, shades except burgundy, bottle green, black of size 300 x 600 mm as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:4 (1 cement: 4 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	121.42	699.42	133.56	711.56
14.145	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make in all colours, shades except burgundy, bottle green, black of size 600 x 600 mm as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:4 (1 cement: 4 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	121.42	767.43	133.56	779.57
14.146	Providing and fixing 10mm thick acid and/or alkali resistant tiles 300 mm x 300 mm of approved make and colour using acid and/or alkali resisting mortar bedding and joints filled with acid and/or alkali resisting cement as per IS : 4457 complete as per the direction of Engineer-in- Charge, in flooring or in dado / skirting on a bed of 12 mm thick mortar 1 : 4 (1 acid proof cement: 4 coarse sand).	sqm	121.42	911.92	133.56	924.06

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.147	Providing and applying Anti Termite Treatment using pre constructional chemical treatment measures as per IS - 6313 - 2001 (Part 2) & using Chemical containing chloropyrifos systemic insecticide diluted to manufacturer's specifications (i) In foundation pits, by treating the bottom & sides up to height of 300mm by uniformly spraying solution @ 5 Litre / sqm (ii) In the refill earth on both sides of all built up walls @ 7.5 Litre / Running meter (width - 300 mm, depth - 450 mm) (iii) Before laying the floor, by uniformly sprinkling the top surface of the consolidated earth within the outer perimeter @ 5 Litre solution per sqm.	One Litre of Chloropyrifos chemical solution with 20 % dilution	36.54	258.74	40.19	262.39
14.148	Providing and applying Anti Termite Treatment using post constructional chemical treatment measures as per IS - 6313 - 2001 (Part 3) & using Chemical containing chloropyrifos systemic insecticide diluted to manufacturer's specifications by drilling holes in the floor slab & along skirting 300 mm apart & 110 mm dia, drilling holes along all possible entry points such as junctions of floor and walls, door frames, sewage lines, entry points , etc. & injecting them with the chemical solution including cost of repairing/making the hole in good condition.	One Litre of Chloropyrifos chemical solution with 20 % dilution	332.84	555.04	366.12	588.32
14.149	Katani marble flooring 15mm to 20mm thick over 12.5mm thick base of Cement mortar 1:3 laid and jointed with white cement slurry with pigment to mater the shade of marble including rubbing & Polishing.					
	Tiles Size 45 cm x 60 cm & above	sqm	559.92	1934.01	615.91	1990.00
14.150	Baroda green marble flooring 15mm to 20mm thick over 12.5mm thick base of Cement mortar 1:3 laid and jointed with white cement slurry with pigment to match the shade of marble including rubbing & Polishing.					
	Tiles Size 45 cm x 60 cm & above	sqm	559.92	1749.17	615.91	1805.16

Sr. No.	Description	Unit	Plains		Sub-Mountainous	
			Labour Rate	Through Rate	Labour Rate	Through Rate
1	2	3	4	5	6	7
14.151	Mandana stone tile flooring 15mm to 20 mm thick over 12.5mm thick base of cement mortar 1:3 (1 cement, 3 Sand) laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone including rubbing and polishing.	sqm	436.22	980.99	479.84	1024.61
14.152	Providing and Laying Out Door Precast Designer chequered tiles of any size & any shape 25mm thickness having top layer of white cement mixed with pigment, laid on 20mm thick bed of ordinary cement mortar 1:3(1 ordinary cement :3 fine sand), joints grouted with white cement slurry containing pigment to match the shade complete in all respect as per specifications and to the entire satisfaction of engineer- in- charge.	sqm	75.84	774.39	83.42	781.97