

SUMMARY OF RATE

Amanat Rate of F.Y. 2075/076 For Different Project without Road

Rate Analysis base on "Construction Norm's 2041"

Page 1 of 7

SN	Norms	Description	Unit	Rate per Unit	Remarks
	No.			Rs	
1	SITE CLEARANCE				
		Felling of trees including cutting branches, sawing and carrying up to 15m away from the site. For Each			
1.01	1,1,ka	Girth of tree 12 - 30cm	Each	85.80	
1.02	1,1,kha	Girth of tree 31 - 60cm	Each	257.40	
1.03	1,1,ga	Girth of tree 61 - 90cm	Each	646.80	
1.04	1,1,gha	Girth of tree 91 - 120cm	Each	646.80	
1.05	1,1,ng	Girth of tree 121 - 180cm	Each	2640.00	
1.06	1,1,cha	Girth of tree 181 - 240cm	Each	2640.00	
1.07	1,1,chha	Girth of tree 241 - 300cm	Each	6864.00	
1.08	1,1,ja	Girth of tree over 301cm	Each	27502.20	
		Tree root digging, lifting it and carrying up to 15m away from the site. For Each			
1.09	1,2,ka	Girth of tree 12 - 30cm	Each	264.00	
1.10	1,2,kha	Girth of tree 31 - 60cm	Each	349.80	
1.11	1,2,ga	Girth of tree 61 - 90cm	Each	1663.20	
1.12	1,2,gha	Girth of tree 91 - 120cm	Each	1663.20	
1.13	1,2,ng	Girth of tree 121 - 180cm	Each	7920.00	
1.14	1,2,cha	Girth of tree 181 - 240cm	Each	7920.00	
1.15	1,2,chha	Girth of tree 241 - 300cm	Each	19536.00	
1.16	1,6	Bamboo cutting,root digging,removal of bamboo from site (Dug-pit dimension to be measured).For 1m ³	cum	1848.00	
1.17	1,7	Surface dressing work,cutting and filling earthwork,including levelling ground surface(service road etc.). For 1m ²	sqm	6.60	
1.18	1,8	Excavation 15-20 cm of the top soil including disposal out side of the construction site. For 1 m ²	sqm	105.60	
2	EARTHWORK				
		Earthwork in excavation including a lead of 10m and a lift of 1.5m in:			
2.01	2,1	Soft Clay : For 1 cum	cum	475.86	
2.02	2,2	Hard clay mixed boulder less than 30cm size :.For 1cum	cum	543.84	
2.03	2,10	Soft Rock : For 1 cum	cum	1699.50	
2.04	2,4	Medium Rock without blasting : For 1 cum	cum	2039.40	
2.05	2,6ka	Hard Rock without chiselling : For 1 cum	cum	3399.00	
		Earthwork in filling including watering & ramming every 20cm th. Layers For 1cum :			
2.06	2,25ka	With Ordinary Soil	cum	339.90	
		Earthwork in filling including ramming every 15cm th. Layers (without watering)For 1cum :			
2.07	2,25kha	With Ordinary Soil	cum	169.95	
		Turfing work Including cutting, hauling for 10m and watering For 1sqm :			
2.08	2,40	Turfing work	cum	33.99	
3	STONE WORK				
		Stone (rubble) masonry work up to 5 m ht. Of wall including collection of stones, preparation of mortar and a lead of 10 m. For 1 cum :			
3.01	6,1,ka,2	In 1:4 Cement Sand Mortar	cum	10470.29	
3.02	6,1ka,3	In 1:6 Cement Sand Mortar	cum	9448.03	

SUMMARY OF RATE

Amanat Rate of F.Y. 2075/076 For Different Project without Road

Rate Analysis base on "Construction Norm's 2041"

Page 2 of 7

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3.03	6 ,2.1	Dry Stone Masonry	cum	3668.67	
3.04	6 ,2.2	Mud Mortar Stone Masonry	cum	3967.07	
		Stone (rubble) masonry work 5 to 10 m ht. Of wall including collection of stones, preparation of mortar and a lead of 10 m.For 1 cum :			
3.05	6,1,ka,2	In 1:4 Cement Sand Mortar	cum	11242.49	
3.06	6,1,ka,3	In 1:6 Cement Sand Mortar	cum	10220.23	
3.07	6 ,2.2	Mud Mortar Stone Masonry	cum	4739.27	
		Stone (rubble) masonry work in arch or in sloping plane including collection of stones, preparation of mortar and a lead of 30 m. For 1cum:			
3.08	6,3,2	In 1:4 Cement Sand Mortar	cum	11229.29	
3.09	6,3,3	In 1:6 Cement Sand Mortar	cum	10207.03	
3.10	6,3,4	Stone (rubble) masonry work in (1:2) lime sand mortar For 1cum:	cum	10516.57	
		Stone (One side dressed) masonry work including collection of stones, preparation of mortar and a lead of 30m. For 1cum:			
3.11	6,3,5	In 1:6 Cement Sand Mortar	cum	13689.13	
		Stone (Three side dressed) masonry work including collection of stones, preparation of mortar and a lead of 30m. For 1cum:			
3.12	6,3,5	In 1:6 Cement Sand Mortar	cum	20533.33	
		Stone (Five side dressed) masonry work including collection of stones, preparation of mortar and a lead of 30m. For 1cum:			
3.13	6,3,5	In 1:6 Cement Sand Mortar	cum	30090.13	
4		BRICK WORK			
		Brick work including collection of brick, preparation of mortar and transportation of materials upto 30 m lead. For 1 cum :			
		Machine made brick (size 224*108*57 mm) in :			
4.01	5,1,ka,2	Cement mortar 1:4	cum	23147.78	
4.02	5,1,ka,4	Cement mortar 1:6	cum	22615.29	
		Chimney made brick(size 224*108*57 mm) in:			
4.03	5,1,kha,2	Cement mortar 1:4	cum	21369.88	
4.04	5,1,kha,3	Cement mortar 1:6	cum	20812.69	
4.05	5,1,kha,6	Mud mortar	cum	17964.60	
		Extra work for scaffolding for 1cum			
4.06	5,2,ka	For ground floor	cum	135.96	
4.07	5,2,kha	For above one floor	cum	475.86	
5		CEMENT CONCRETE WORK			
		Cement Concrete work in foundation,wall includingcollection of materials and a lead of 30 m. For 1 cum			
5.01	7 ,2 Ga	With P.C.C (1:3:6)	cum	11438.01	
5.02	7 ,2 Gha	With P.C.C. (1:2:4)	cum	13299.44	
5.03		With P.C.C. (1:1.5:3)	cum	14892.34	

SUMMARY OF RATE

Amanat Rate of F.Y. 2075/076 For Different Project without Road

Rate Analysis base on "Construction Norm's 2041"

Page 3 of 7

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Cement Concrete work in supper structure, deck slab,beams including collection of materials and a lead of 30 m. For 1 cum					
5.04	7,4,ka	With P.C.C. (1:2:4)	cum	15081.44	
5.05	7,4,kha	With P.C.C. (1:1.5:3)	cum	16674.34	
5.06	7,4,ga	With P.C.C. (1:1:2)	cum	20895.83	
6	IRON WORK				
6.01	7,5	Reinforcement bar cutting, binding, placing in position according to drawing & binding for RCCwork including a lead of 30m. For 1kg.	kg	124.18	
6.02		M/S angle including making hole, cutting in required length and shape. Per 1 kg	kg	143.90	
7	FORM WORK				
7.01	8,2 Ka	Preparation of formwork including selection,collection of materials cutting, nailing, fixing in position, removal & disposal etc. as per drawing and a lead of 30 m.			
		For floor & slab. For 1 SQM :	Sqm	737.50	
7.02		Formwork for Ferrocement :For 1 SQM	Sqm	349.11	
Formwork for Column including nailing, fixing in position,removing and a lead of 30 m. For 1sqm :					
7.03	8,3,ka	Perimeter of column 0 - 2 m	Sqm	1139.70	
Form work for structural beam including selection, fixing,nailing,oiling,removal and disposal with a lead of 30 m.For 1sqm :					
7.04	8,4,ka	Height of beam upto 0.30 m	Sqm	1189.60	
8	FLOORING				
8.01		Preparation of Concrete-floor in 1:2:4, complete with cement punning. For 1.0 Sqm			
	11, ka	a. 25 mm (1") Thick	Sqm	476.34	
	11, kha	b. 38 mm (1 ¹ /2") Thick	Sqm	652.01	
	11, ga	c. 50 mm (2") Thick	Sqm	802.94	
	11, gha	d. 75 mm (3") Thick	Sqm	1099.44	
8.02	11,20	3 mm th.cement Punning in For 1 SQM	Sqm	272.57	
8.03	11,16	Stone Soling with sand For 1cum	cum	6412.58	
8.04	11,16	Dry stone soling For 1 cum	cum	4658.67	
8.05	11,15,ka	Brick soling with sand - On Flat For 1sqm	Sqm	1368.55	
8.06		Brick soling without sand - On Flat For 1sqm	Sqm	1294.44	
8.07	11,15,kha	Brick soling with sand - On Edge For 1 sqm	Sqm	2594.14	
8.08		Brick soling without sand - On Edge For 1 sqm	Sqm	2418.75	
8.09	11,8,ka	Paving of 50 mm thick flagstone in (1:4) C/M : For 1sqm	Sqm	1552.33	
8.10	11,9	Paving of 37.5 mm thick flagstone in (1:4) C/M : For 1sqm	Sqm	1485.60	
8.11	11,10	Paving of 25 mm thick flagstone in (1:4) C/M : For 1sqm	sqm	1365.62	
8.12	11,12	Paving brick, flat on cement sand mortar, complete with 1:2 cement sand pointing. For 1.0 Sqm	Sqm	1858.55	
8.13	11,13	Paving brick, on - edge on 1:6 C / M, complete with 1:2 cement sand pointing. For 1.0 Sqm	Sqm	2684.08	
8.14	11,21	Planking work of 25mm th. Local salwood planks on 600*600mm frame of 50mm*75mm Local salwood. For 1.0 sqm	Sqm	6661.94	

SUMMARY OF RATE

Amanat Rate of F.Y. 2075/076 For Different Project without Road

Rate Analysis base on "Construction Norm's 2041"

Page 4 of 7

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8.15	11, 21	Planking work of 25mm th. Local soft wood planks on 600*600mm frame of 50mm*75mm Local salwood. For 1.0 sqm	Sqm	2464.81	
8.16	11,3	Laying of 25mm th. Mosaic flooring, 20mm th. C/P in 1:2 and on th top of that 6mm th. White cement and marble (in 1:1) coat, complete with polishing. For 1.00 sqm	Sqm	3506.73	
8.17	11, 5	Paving 25mm th. Oiled terrazo tiles on 1:2 Surkhi mortar complete with 1:1 cement sand pointing. For 1.0 Sqm	Sqm	2179.99	
8.18	11, 7	Laying of procelain glaxed tiles on 1:4 cement sand mortar. For 1.0 sqm	sqm	2753.98	
8.19	11, 6	Laying of 25mm th. 450*450mm Marble on 20mmth. 1:4 surkhi mortar, complete with polishing. For 1.00 sqm	Sqm	4510.50	
		Filling work including watering and compaction.For 1cum:			
8.20	11,19,ka	With sand	cum	3360.83	
8.21	11,19,kha	With 15 -150 mm broken bricks	cum	8673.50	
9	CEMENT PLASTERING				
		12.5 mm thick Cement Sand plaster For 1 sqm			
9.01	12 , 1 ka	In 1:2 cement sand mortar	Sqm	436.52	
9.02	12 ,1 Kha	In 1:3 cement sand mortar	Sqm	382.40	
9.03	12 ,1 Ga	In 1:4 cement sand mortar	Sqm	369.25	
9.04	12,1,gha	In 1:6 cement sand mortar	Sqm	340.42	
		20 mm thick cement sand plaster For 1 sqm			
9.05	12 ,4 ka	In 1:3 cement sand mortar	Sqm	506.28	
9.06	12 ,4 Kha	In 1:4 cement sand mortar	Sqm	482.13	
9.07	12,4,ga	In 1:6 cement sand mortar	Sqm	437.30	
9.08	12,5	25mm th. Mud plaster.For 1 sqm:	Sqm	381.94	
9.09	12, 6	12.5mm th. Mud plaster.For 1 sqm:	Sqm	294.53	
9.10		Flush pointing work on bricks masonry wall.			
	14,1, ka	a. With 1:1 cement sand mortar. For 1.00 sqm	Sqm	252.48	
	14,1, kha	b. With 1:2 cement sand mortar. For 1.00 sqm	Sqm	232.77	
	14,1, ga	c. With 1:3 cement sand mortar. For 1.00 sqm	Sqm	222.39	
9.11		Flush ruled pointing work on bricks masonry wall.			
	14,1, ka	a. With 1:1 cement sand mortar. For 1.00 sqm	Sqm	292.08	
	14,1, kha	b. With 1:2 cement sand mortar. For 1.00 sqm	Sqm	272.37	
	14,1, ga	c. With 1:3 cement sand mortar. For 1.00 sqm	Sqm	261.99	
9.12		Flush ruled pointing work on boulder stone masonry wall.			
	14,2, ka	a. With 1:1 cement sand mortar. For 1.00 sqm	Sqm	325.77	
	14,2, kha	b. With 1:2 cement sand mortar. For 1.00 sqm	Sqm	287.98	
	14,2, ga	c. With 1:3 cement sand mortar. For 1.00 sqm	Sqm	268.83	
9.13	14,3	Flush ruled pointing work with 1:3 c/ m on ashler stone masonry wall. For 1.0 sqm	Sqm	172.38	
10	PAINTING WORK				
10.01	13 ,11	Three coats chapra resin polishing.For 1sqm	Sqm	163.31	

SUMMARY OF RATE

Amanat Rate of F.Y. 2075/076 For Different Project without Road

Rate Analysis base on "Construction Norm's 2041"

Page 5 of 7

SN	Norms	Description	Unit	Rate per Unit	Remarks
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10.02		Distemping painting			
	13,3, ka	a. Lining. For 1 sqm	Sqm	52.32	For rate to estimate add a, b & c
	13,3, kha	b. First one coat. For 1 sqm	Sqm	49.65	
	13,3, ga	c. 2nd coat and additional coats. For 1 sqm	Sqm	42.51	
10.03	13,6	Applying 1 coat lining and 2 coats of aluminum paint. For 1.00sqm	Sqm	275.69	
10.04	13,5ka-ga	1Coat primer & 2 Coat enamel paint. For 1sqm	Sqm	298.23	
10.05	13,5ka-ga	1Coat primer & 2 Coat weather coat(exterior)emulsion paint. For 1sqm	sqm	311.41	
10.06		1 Coat primer & 2 Coat emulsion paint.(Interior) For 1sqm	sqm	292.43	
11		7 line hori. and 2 line diago. barbed wire fencing on m/s angle (50*50*6mm),at a spacing 2m c/c.For 1m	Rm	467.83	
12	ROOFING WORK				
		White CGI sheet roofing including collection of materials.			
12.01	9,1	For 1 SQM (CGI sheet 24 SWG):	Sqm	1930.18	
12.02	9,1	For 1 SQM (CGI sheet 26 SWG):	Sqm	1618.15	
12.03	9,1	For 1 SQM (CGI sheet 28 SWG):	Sqm	1309.26	
		Color CGI sheet roofing including collection of materials.			
12.04	9,1	For 1 SQM (CGI sheet 24 SWG):	sqm	2335.52	
12.05	9,1	For 1 SQM (CGI sheet 26 SWG):	sqm	2023.49	
12.06	9,1	For 1 SQM (CGI sheet 28 SWG):	sqm	806.57	
12.07	9,2	White GI Plain sheet ridge fixing 24 SWG. For 1 M	m	776.28	
12.08	9,2	White GI Plain sheet ridge fixing 26 SWG. For 1 M	m	730.58	
12.09	9,2	White GI Plain sheet ridge fixing 28 SWG. For 1 M	m	671.52	
12.10	9,2	Color GI Plain sheet ridge fixing 24 SWG. For 1 M	m	877.66	
12.11	9,2	Color GI Plain sheet ridge fixing 26 SWG. For 1 M	m	780.36	
12.12	9,2	Color GI Plain sheet ridge fixing 28 SWG. For 1 M	m	716.39	
12.13	9,5	Slate roofing . For 1Sqm	Sqm	2340.83	
12.14	9,9,kha	Thatch roofing.For 1sqm:	Sqm	4372.96	
12.15	9,6	Clay tiles (Chimney made) roofing. For 1sqm :	Sqm	477.50	
12.16	9,7	Clay tile as ridge (Chimney made) plate fixing. For 1m:	m	404.10	
13	WOOD WORK				
13.01	10,1	a.Local salwood work for frames including fixing.For 1 cum	cum	193446.88	
	10,1	b.Local soft wood work for frames.For 1 cum	cum	83783.21	
13.02	10,2	38mm th. wood frame for panelled door shutter. For 1 no (shutter size -1.07*1.982 = 2.12sqm)			
		a.With Local salwood	Sqm	11271.89	
	10,2	b.With Local softwood	Sqm	7321.74	
13.03	10,3	38*75mm size wood frame using 3mm plain glass for glazed shutter. For 1no.(shutter size - 1.892*1.22 = 2.23sqm)			
		a.With Local salwood	Sqm	8108.68	
	10,3	b.With Local softwood	Sqm	5918.09	

SUMMARY OF RATE

Amanat Rate of F.Y. 2075/076 For Different Project without Road

Rate Analysis base on "Construction Norm's 2041"

Page 6 of 7

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13.04	10 ,3	38*75mm size wood frame using 4mm plain glass for glazed shutter. For 1no.(shutter size - 1.892*1.22 = 2.23sqm)			
		a.With Local salwood	Sqm	8168.81	
	10 ,3	b.With Local softwood	Sqm	5978.22	
13.05	10 ,9	38mm wood frame using 26 SWG Plain GI sheet on both side. For 1 no.(shutter size - 1.092*2.058 = 2.247sqm)			
		a.With Local salwood	sqm	6403.43	
	10,9	b.With Local softwood	sqm	4868.30	
13.06	10 ,10	38mm wood frame using 24 SWG GI wire mesh mosquito proof shutter .For 1 no. (shutter size - 1.092*2.058 = 2.247sqm)			
		a.With Local salwood	Sqm	4531.47	
	10 ,10	b.With Local softwood	Sqm	3377.91	
13.07	10,7	38mm wood frame using 3mm plywood both side for flush shutter. For 1 no. (shutter size - 1.092*2.058 = 2.247sqm)			
		a.With Local salwood	Sqm	6624.76	
		b.With Local softwood	Sqm	5089.63	
13.08		38mm wood frame using 3mm plywood one side for flush shutter .For 1 no. (shutter size - 1.092*2.058 = 2.247sqm)			
		a.With Local salwood	Sqm	5625.58	
		b.With Local softwood	Sqm	4090.45	
13.09	10,7	38mm wood frame using 6mm plywood both side for flush shutter. For 1 no. (shutter size - 1.092*2.058 = 2.247sqm)			
		a.With Local salwood	Sqm	7326.50	
		b.With Local softwood	Sqm	5791.37	
13.10		38mm wood frame using 6mm plywood one side for flush shutter .For 1 no. (shutter size - 1.092*2.058 = 2.247sqm)			
		a.With Local salwood	Sqm	5976.45	
		b.With Local softwood	Sqm	4441.32	
13.11		Fixing glass of different thickness in window frame including fixing of wooden listis. For 1sqm with :			
	10,11,ka	a.3 mm thick glass	Sqm	866.18	
		b 4 mm thick glass	Sqm	989.77	
13.12	10 ,17	Wood work for beam and joist including fixing .For 1cum			
		a.With Local salwood	cum	167180.05	
		b.With Local softwood	cum	62501.09	
13.13	10,18	a.Local salwood work for truss fixing.For 1M3	cum	189933.80	
		b.Local soft wood work for truss fixing.For 1M3	cum	85254.84	
13.14	10 ,19	a.Local salwood work for 25mm th. Eaves board including fitting. For 1SQM	Sqm	4098.30	
	10 ,19	b.Local hardwood work for 25mm th. Eaves board including fitting. For 1SQM	Sqm	1356.71	

SUMMARY OF RATE

Amanat Rate of F.Y. 2075/076 For Different Project without Road

Rate Analysis base on "Construction Norm's 2041"

Page 7 of 7

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13.15	10,14,ka	0.61*0.915m size wooden frame (wood size 38*75mm) work for partation using 3mm plywood both side(partation size - 9.75*3.65m=35.59sqm)			
		a. With Local salwood	Sqm	2803.77	
		b. With Local soft wood	Sqm	1823.35	
13.16		0.61*0.915m size wooden frame (wood size 38*75mm) work for partation using 3mm plywood one side(partation size - 9.75*3.65m=35.59sqm)			
		a. With Local salwood	Sqm	2321.29	
		b. With Local softwood	Sqm	1340.87	
13.17	10,14,ka	0.61*0.915m size wooden frame (wood size 38*75mm) work for partation using 6mm plywood both side(partation size - 9.75*3.65m=35.59sqm)			
		a. With Local salwood	Sqm	3518.36	
		b. With Local soft wood	Sqm	2537.95	
13.18		0.61*0.915m size wooden frame (wood size 38*75mm) work for partation using 6mm plywood one side(partation size - 9.75*3.65m=35.59sqm)			
		a. With Local salwood	Sqm	2678.59	
		b. With Local softwood	Sqm	1698.17	
13.19	10,16,ka	0.60*0.90m size wooden frame (wood size50*75mm)using 3mm plywood for different type false ceilings(ceilings size=9.75*3.65m=35.59sqm)			
		a. With Local salwood	Sqm	2841.64	
		b. With Local soft wood	Sqm	1581.11	
13.20	10,16,ka	0.60*0.90m size wooden frame (wood size50*75mm)using 6mm plywood for different type false ceilings(ceilings size=9.75*3.65m=35.59sqm)			
		a. With Local salwood	Sqm	3198.94	
		b. With Local soft wood	Sqm	1938.41	
14	DEMOLIITIONS AND REPAIR WORK				
14.01	19-1	Demolishing mud mortar masonry and disposing the materials to a distance of 10m. For 1cum:	cum	699.60	
14.02	19-2	Demolishing cement or lime surkhi mortar masonry and disposing the materials to a distance of 10m.For 1cum :	cum	1399.20	
14.03	19 - 3	Demolishing RCC or RBC work and disposing materials to a distance of 10m. For 1cum :	cum	7260.00	
14.04	19 - 4	Demolishing PCC or lime surkhi concrete and disposing the materials to a distance of 10m.For 1cum :	cum	2640.00	
14.05	19 - 5	Demolishing cement or lime surkhi plaster and disposing the materials to a distance of 10m.For 1cum :	cum	71.28	
14.06	19 -6	Demolishing tiled roof and stacking the tiles, wood etc. properly at a distance of 10m. For 1cum :	cum	106.92	
END					