

SUMMARY OF RATE

Amanat Rate of Balephi Rural Municipality For F.Y. 2075/076

Rate Analysis base on "DOLIDAR Approved Norm's" "For Road"

SN	Respective Clause of Specification	Description	Unit	Rate per Unit		Remarks
				Rs		
1	DISMANTLING WORK					
	1 to 2	Dismantling of culverts, bridges, pavements and other structures including dismantling, excavation, backfilling, stacking, disposing, handling and haulage up to a lead of 100m.				
		a. Dismantling brick masonry	cum	1019.70		
		b. Dismantling stone masonry	cum	1359.60		
		c. Concrete (plain and reinforced) masonry	cum	2039.40		
		d. Flexible and cement concrete pavement	cum	4140.60		
		e. Dismantling steel structures	tonne	3754.35		
		f. Dismantling timber structures:	cum	679.80		
		g. Dismantling pipes, guard-rails, kerbs, gutters, fencing	m	67.98		
		h. Dismantling utility poles	Each	135.96		
		f. Dismantling masonry in mud mortar or in dry	cum	108.77		
2	1-1.5(a),	SITE CLEARANCE				
	1-1.5(b),	Clearing and grubbing including the cutting of trees (only if necessary) having Girth less				
	1-1.6	thah 30cm when measured at 1m above ground :	sqm	27.19		
	1-1.5(c)	Cutting of trees at 1m above ground including the removal a lead of 100m :				
	1-1.6	a. Girth of tree 30 - 60cm	Each	203.94		
		b. Girth of tree 60 - 90cm	Each	271.92		
		c. Girth of tree 90 - 180cm	Each	1019.70		
		d. Girth of tree 180 - 270cm	Each	2039.40		
		e. Girth of tree 270 - 450cm	Each	6798.00		
	2-1.3,2	Stripping of top soil for a depth of 150mm including storing or reapplication withen a lead				
	2-1.8,2-1,9,5	up to 100m along the lead route:	cum	543.84		
3	EARTH WORK					
	2-1.2,2,	Excavation in roadway, drain and foundation for gabion and dry wall structures including removal up to a lead of 50m. For -				
	2-1.8,	a. Ordinary soil	cum	339.90		
	2-1.9	b. Hard soil	cum	407.88		
		c. Ordinary rock	cum	1359.60		
		d. Medium rock	cum	2719.20		
		e. Hard rock (requiring blasting)	cum	1395.14		
		f. Hard rock (chiselling, wedging, tempering, etc.)	cum	11556.60		
		g. Marshy soil	cum	679.80		
	2 to 4	Excavation for structures including cutting of slopes, shoring, shuttering, planking, ordinary sealing and disposal of materials up to a lead of 50m. In:				
		a. Ordinary soil	cum	679.80		
		b. Hard soil	cum	1359.60		
		c. Ordinary rock	cum	2719.20		
		d. Medium rock	cum	5438.40		
		e. Hard rock (requiring blasting)	cum	4149.87		
		f. Hard rock (chiselling, wedging, tempering, etc.)	cum	20394.00		

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3		g. Special provision for preparation of rock foundation	cum	339.90		
		h. Marshy soil	cum	2039.40		
	2-5,7.5	Removal of unsuitable materials and replacement with suitable materials:				
		a. Ordinary soil	cum	339.90		
		b. Hard soil	cum	407.88		
		c. Ordinary rock	cum	1359.60		
		d. Medium rock	cum	2719.20		
		e. Hard rock (requiring blasting)	cum	1395.14		
	2-5,7.5	f. Hard rock (chiselling, wedging, tempering, etc.)	cum	11556.60		
		g. Marshy soil	cum	679.80		
4	CEMENT PLASTER WORK					
	7-9.4,	12.5mm thick plastering with cement sand mortar.				
	7 to12,	a. In 1:2 ratio	sqm	351.37		
	7-13.2	b. In 1:3 ratio	sqm	328.65		
		c. In 1:4 ratio	sqm	309.87		
		d. In 1:6 ratio	sqm	297.29		
5	CEMENT POINTING WORK					
	7-9.3,	Pointing work with cement sand mortar.				
	7 to 12	a. In 1:1 ratio	sqm	161.40		
	7-13.3	b. In 1:2 ratio	sqm	155.34		
		c. In 1:3 ratio	sqm	150.69		
6	STONE WORK					
	8	Stone masonry work - A. Un-coursed rubble masonry :				
		a. In dry stone -	cum	4173.11		
		b. In 1:3 cement sand mortar -	cum	10353.26		
		c. In 1:4 cement sand mortar -	cum	9762.66		
		d. In 1:6 cement sand mortar -	cum	9339.13		
		B. Square rubble-coursed rubble masonry(First sort)				
		a. In dry stone -	cum	6987.40		
		b. In 1:3 cement sand mortar -	cum	13271.74		
		c. In 1:4 cement sand mortar -	cum	12681.60		
		d. In 1:6 cement sand mortar -	cum	12258.07		
		C. Ashlar masonry (plain ashlar)				
		a. In dry stone -	cum	15868.72		
		b. In 1:3 cement sand mortar -	cum	20949.27		
		c. In 1:4 cement sand mortar -	cum	20359.13		
		d. In 1:6 cement sand mortar -	cum	19935.61		
7	CEMENT CONCRETE WORK					
	11	A. Cement concrete work in foundation :				
		a. M 10 Grade (1:3:6 mix by volume)	cum	10953.59		
		(Excluding form work)				
		b. M 15 Grade (1:2:4 mix by volume)	cum	12898.98		
		(Excluding form work)				

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7	11	B. Work in super structure (beams, slabs, caps, etc.)			
		a. M 15 Grade (1:2:4 mix by volume)	cum	13578.78	
		(Excluding form work)			
		b. M 20 Grade (1:1.5:3 mix by volume)	cum	15260.25	
		(Excluding form work)			
8		IRON WORK			
	10	Reinforcement for RCC work with all complete	kg	117.24	
9		BRICK WORK			
		Chimney made brick (Size 224 * 108 * 57 mm) in :			
		a.. In 1:3 cement sand mortar -	cum	23898.71	
		b.. In 1:4 cement sand mortar -	cum	23324.50	
		c.. In 1:6 cement sand mortar -	cum	22649.51	
10		GABION WORK			
	17-1.4,	Fabrication of gabion boxes including rolling, cutting and weaving:			
	17-5, &	A. Hexagonal mesh size - 100mm * 120mm (Mesh wire - 10swg, Selvedge wire - 7swg):			
	17-6	a.Box size 1.5m * 1.00m * 1.00m -	box	2455.12	
		b.Box size 2.00m * 1.00m * 1.00m -	box	2920.90	
		c.Box size 3.00m * 1.00m * 1.00m -	box	4227.94	
		d.Box size 1.5m * 1.00m * 0.50m -	box	1717.13	
		e.Box size 2.00m * 1.00m * 0.50m -	box	2035.98	
		f. Box size 3.00m * 1.00m * 0.50m -	box	2976.19	
	17-1.4,	Assembling of wire crates/gabion placing in position including stretching, binding			
	17-5, &	together and tying down lids.			
	17-6	1.Binding wire - 12swg			
		a.Box size 1.5m * 1.00m * 1.00m -	box	109.92	
		b.Box size 2.00m * 1.00m * 1.00m -	box	157.26	
		c.Box size 3.00m * 1.00m * 1.00m -	box	219.85	
		d.Box size 1.5m * 1.00m * 0.50m -	box	78.63	
		e.Box size 2.00m * 1.00m * 0.50m -	box	118.38	
		f. Box size 3.00m * 1.00m * 0.50m -	box	157.26	
11	17-1.4,	Packing and filling gabion crates with rubble stones:-	cum	3521.12	
12	17-6, 17-4	Dry rubble flooring (soling) on the prepared granular bedding:	cum	3647.81	
13	3-1,	Carring out the construction operation of granular sub - base			
		a. with naturally found deposits of sand / gravel aggregates			
		Class I grading (when CBR=30%)	cum	6265.28	
		b. with broken stone aggregate			
		Class I grading (when CBR = 30%)	cum	12138.76	
14	15-5 & 15-6	Laying, fitting and fixing of hume pipe haeing a length of 1 m or more.			
		For every subsequent pipe having a length of minimum 1 m (NP2)			
		a. Pipe having 150 mm diameter :	m	988.56	
		b. Pipe having 200 mm diameter :	m	1403.94	

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14		c. Pipe having 300 mm diameter :	m	2386.48	
		d. Pipe having 600 mm diameter :	m	5515.29	
		e. Pipe having 750 mm diameter :	m	7422.77	
		f. Pipe having 900 mm diameter :	m	10842.72	
		g. Pipe having 1200 mm diameter :	m	15567.11	
		For every subsequent pipe having a length of minimum 1 m (NP3)			
		a. Pipe having 150 mm diameter :	m	1822.18	
		b. Pipe having 200 mm diameter :	m	2550.75	
		c. Pipe having 300 mm diameter :	m	4627.92	
		d. Pipe having 600 mm diameter :	m	9724.80	
		e. Pipe having 750 mm diameter :	m	13084.16	
		f. Pipe having 900 mm diameter :	m	18332.01	
		g. Pipe having 1200 mm diameter :	m	24885.71	
15	17-2.2,17-2.3,17-5 & 17-6	Preparation of bedding for stone pitching (solling)	cum	679.80	
16	9	Form work For walls or vertical structure with a height not exceeding 4 meters.	sqm	770.30	
END					