

UNIT COST FOR Digging of Staggered Contour Trenches (SCTs)

Sl. No.	FSR	Nature of work	Quantity	Rate	Unit	Amount
1	02.01.08	Digging of Staggered Contour Trenches (SCTs) for impounding rain water - Manual - Size: 3m Length, 0.45 m top-width, 0.30 m bottom-width and 0.45 m depth; earthwork volume per trench: 0.506 cum - Max. of 100 no. per ha. If they are made with machine, the works can be done by calling for tender. However, if they are intended to be done through machine, it has to be informed in advance. All the SCTs shall be completed before January.				
		(b) Hard soils like gravel and morum (0.506 x500 nos = 253 cum)	253	297.8	per cmt	75343
		TOTAL				75343


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UNIT COST FOR FORMATION OF MEDIUM / MINI PERCOLATION TANKS

Sl. No.	Nature of work	Quantity	Rate	Unit	Amount	Remarks
1	Construction of Medium / Mini Percolation tanks	1	100000	each	100000	
		TOTAL:			100000	


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**UNIT COST FOR Construction of Boudary Pillars around the
C.A. PLANTATION AREAS**

Sl. No.	SSR	Nature of work	Quantity	Rate	Unit	Amount
1		Construction of Boundary Pillars around the CA area	100	7500	per each	750000
			TOTAL:			750000


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**ESTIMATE FOR DIGGING OF CONTINUOUS PERIPHERAL TRENCH ALONG WITH PROPOSED
DIVERTED LAND DURING 2018-19**

Sl. No.	Description of work	L in Rmt	Top width in Meters	Bottom width in B2 in M	Depth in Meters	Quantity		Rate	per	Amount
1	2	3	4	5	6	7		8	9	10
1	Digging of Continuous Contour Trench along the boundary of Reserve Forest Block (Earth work Excavation with Machine)	1000	2.00	1.50	2.00	3500	cum	42.40	cum	148400
	Total									148400


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DP/

Estimate for Departmental Extraction for Dindi Balancing Reservoir

FSR 2018-19	Item of Work	Unit	Qty	Rate	Amount
	Timber and Fuel				
06.01.02	Total enumeration of balance trees	100 Nos	2018	119	2401.42
06.01.08	Felling and conversion by saw	Cum.	23.801	383.64	9131.02
06.01.12	Labour amenities for working in coupe or unit i.e., providing shelter, supply of drinking water and medical aid etc., to the labourers.	per coupe	As per Actuals (limited to Rs.20072)		10000.00
06.01.13	Purchase of saws with sharpening tools.	per coupe	As per Actuals (limited to Rs.2865)		1800.00
06.01.14	Watch and ward charges at coupe (Timber and Fuel)(As per average of minimum wage fixed by District Collectors in the state for unskilled labour)	Month	2	8340	16680.00
06.04.00	EXTRACTION OF FUEL WOOD				
06.04.01	Felling, billeting and stacking of fire wood stacks of size 0.80M x 1.25 M x 1.0 Mt	Cum.	64.395	177.96	11459.73
06.04.02	Collection of fuel at loading point	Cum.	64.395	29.83	1920.90
06.04.03	Loading of fuelwood into lorries	Cum.	64.395	61.92	3987.34
06.04.04	Unloading of fuel	Cum.	64.395	20.05	1291.12
06.04.05	Splitting of fuelwood at retail sale depots	Tonne	155.192	760.69	118053.0
06.08.00	EXTRACTION OF POLES				
06.08.01	Felling and conversion of poles in DET areas/ illicitly felled trees including those found in beat inspection and thinning areas:				
	(a) Upto 30 cm basal girth	Per Pole	0	5.55	0.00
	(b) 31 cms to 45 cms basal girth	Per Pole	0	11.79	0.00
	(c) 46 cms to 60 cms basal girth	Per Pole	131	17.1	2240.10
06.08.03	Loading Non-Teak poles:				
	(a) Upto 30 cms basal girth	Per Pole	0	5.55	0.00
	(b) 31 cms to 45 cms basal girth	Per Pole	0	13.56	0.00
	(c) 46 cms to 60 cms basal girth	Per Pole	131	24.77	3244.87
06.08.05	Un-Loading Non-Teak Poles :				
	(a) Upto 30 cms basal girth	Per Pole	0	3.42	0.00
	(b) 31 cms to 45 cms basal girth	Per Pole	0	5.31	0.00
	(c) 46 cms to 60 cms basal girth	Per Pole	131	9.31	1219.61

FSR 2018-19	Item of Work	Unit	Qty	Rate	Amount
06.10.00	Classification & lotting in Depots				
	(a) Upto 30 cms basal girth (135 poles=1 Cu.m.)	per 100 poles	0	171.25	0.00
	(b) 31 cms to 45 cms basal girth(40 poles=1Cum)	per 100 poles	0	510.78	0.00
	(c) 46 cms to 60 cms basal girth(20 poles=1Cum)	per 100 poles	131	1022.75	1339.80
	Miscellioues Items				25000.00
	Total :				209769


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CALCULATION SHEET

Description of item	Area in Ha	Rate	Amount in Rs.	Remarks
Net Present Value (NPV)	29.9804	626000	18767730	
Cost of Catchment area treatment		-	9152483	
Cost of Extraction charges		-	209769	
Penalty charges for CPT		-	800000	
Total :			28929982	


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