

# OFFICE OF THE RANGE FOREST OFFICER WL RAISAR JAIPUR

## FOREST DEPARTMENT COST Estimate Year wise

1 Name of work : Advance Action Work of  
Dantali 5.19 HAC.  
2 Name of Village : Dantali  
3 Name of VFPMC:- Dantali  
4 Scheme : CADFL  
5 Name of Division : DCF WILD LIFE JAIPUR  
6 Gram panchayat:- Bhavni


7 Name of Range : Raisar  
8 Amount :  
9 Year : 2023-24  
10 Area : 5.19 4.584 hac  
11 GPS : N 27° 06'50.0"  
E 76° 09' 16.0"

S. No.	BSR Item no	PARTICULARS	QTY	UNIT	RATE IN RS	AMOUNT
		<b>Advance action 0 year</b>				
1	as per model	Collection of basics datas for micro planning and carrying out joint forest management activities	4.584	hactor	575	2635.80
2	as per model	Survey of the area, layout contour trenches burrowpits and making of sagments/plots	4.584	hactor	463	2122.39
3	2.2.2	<b>Ditch fencing</b> :- 1.2 m deep, 1.5m wide at top and 0.90m wide at bottom ,includes dressing (volume per running meter=1.44 cum)				
(a)	2.2.2.6	Hard soil with above 50% boulders <b>1000 RMT</b>	1440	cum	283.68	408499.20
b	2.2.2.7	in hard murram/kankar/compactclayey soil <b>300 RMT</b>	432	cum	264.17	114121.44
4	3.2	Digging of contour <b>trenches</b> ( size 0.45 X 0.45 m) separating stones from dugup soil , making mounds of the soil and dressing deep continuous contour trenches				
(a)	3.1	layout for excavation of trenches	2000	rmt	0.98	1960.00
(b)	3.2.7	Hard soil with above 50% boulders <b>2000 RMT</b>	405	cum	283.68	114890.40
5	3.7.2	Treatment of Nallas by Construction of check dams by loose stone including digging and breaking of stones (rates are for volume including voids) leads above 200m	100	cum	383.27	38327.00
6	4.2	<b>Digging of new pits</b> size				

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(a)	4.1	layout for excavation of pits	2300	pits	0.98	2254.00
(b)	4.2.7	In hard soil having more than 50% boulders	1500	pits	27.05	40575.00
(c)	4.2.6	In hard murram / kankar / compact clayey soil	800	pits	23.77	19016.00
7	8.4.3.2	cutting / pruning / singling of branch shoots of juliflora bushes leaving at least one main shoot in area where juliflora exists in an average crown density more then 0.5 m	1000	Juliflora	28.21	28210.00
8	8.1.1	construction of approach road and inspection path for vehicle In hilly areas size 3m X 800 m =2400 sqm	2400	sqm	7.48	17952.00
9	as per model	cost of raising seedlings in nursery	5550	per plants	3.93	21811.50
10		construction of cattle guard hut	LS	LS	LS	30000.00
11		Watch and ward 4 month	104	Days	259	26936.00
12		Contruction of plantation gate and painting of sign board.	LS	LS	LS	40000.00
13		purchase of tools and plants	LS	LS	LS	25000.00
14		construction of water storage tanks	LS	LS	LS	50000.00
15		cost of grasses and other seeds	LS	LS	LS	5689.27
		TOTAL YEAR 0				990000.00
		Administrative charge 10%				99000.00
		TOTAL				1089000.00
		Year 1 planting year				
1	as per model	maintenance of 2300 seedling in nursery	2300	per plant	2.11	4853.00
2	as per model	sowing of seeds of shrubs species on the mounds of staggered/cnotinous contour trenches v ditch and ditch fencing including pretreatment of seeds 1300x3+2000x2=7900rmt	7900	rmt	0.73	5767.00
3	6.2	Transportation of plants from nursery to plantating site by mechanical means from 3 km Distance excluding loading and unloading				

  
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a	8.3.3.5 & 8.3.4.5	Size 12.5 X 30 cm	plant	2300	1.74	4002.00
4	6.2.3.5 & 6.2.4.5	Loading and Unloading of plants in vehicles Size 12.5X 30 cm	plant	2300	1.20	2760.00
5	6.3.1	Treatment of pits soil with insecticide	Pit	2300	0.55	1265.00
6	6.3	Planting (including submerging the polypot in insecticide treated water, cutting and removing the polythene bag, refilling of pit after removing stones and pressing the soil around plant)				
a	6.3.3.1.1	in plan area size 12.5x30 cm	plant	1000	6.69	6690.00
b	6.3.3.3.1	in hilly area size 12.5x30 cm	plant	1300	8.82	11466.00
7	6.4	Making of crescent shaped thanwala, having 45 radius, around planted				
c	6.4.3	in stone hilly area	plant	2300	9.36	21528.00
8	6.1.5	Planting of Thor/Ratanjot Cuttings at spacing of 15 cm in 30 cm deep trenches and filling +pressing The soil around cutting (includes procurement and preparation of cutting and local transportation)	RMT	500	51.74	25870.00
9	5.2.7	Seed sowing on thanwlas ( 3 seeds per thanwla)	per thanwla	2300	0.61	1403.00
10	6.7.4	Application of urea/other fertilizers to plants	plant	2300	0.55	1265.00
11	6.6.1	Weeding and hoeing of plants in plantation (in 45 cm radius and 15 cm depth) two time				
b	6.6.1.2	In hard soil with boulders 2300 plant two time	plant	4600	5.30	24380.00
12	6.6.4	Weeding and hoeing of seedling on mounds of trenches/ditch fencing etc in a strip of 60 cm 1300+2000=3300	Rmt	3300	4.56	15048.00
13	1.22	Seeds collection by local edc/vfpmc member & villagers	LS	LS	LS	15000.00
14	as per model	10% raising plant for casualty replacement	per	230	9.02	2074.60

  
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15	8.4.4	Cut back of stumps/cutting bushes of Dhok, Ber etc.	per Stumps	300	5.89	1767.00
16	2.2.4.3	Making a tree guard outside the thanwla all around the plant using local bushes (includes collection of local bushes)	per plant	50	58.91	2945.50
17		Purchase of fertiliser and insectide	Ls	LS	LS	5000.00
18		Watch and ward 12 month	312	Days	259	80808.00
19		Miscellaneous and unforeseen expenses including (additional watering, hoeing, fencing and frost protection measures and ruuning of vehicles etc.)	Ls	LS	LS	6107.90
		TOTAL YEAR 1				240000.00
		Administrative charge 10%				24000.00
		TOTAL				264000.00
<b>FIRST Year Maintanace (year 2)</b>						
1	as per model	Maintenance of Plants in nursery	plant	230.00	2.17	499.10
2	4.4	Redigging of pits of pits for casualty replacement 0.45x0.45x0.45 m				
a	4.4.4	Hard soil betweenabove 50% boulders	pits	230.00	7.84	1803.20
3	6.2	Transportation of plants from nursery to plantating site by mechnical means from 3km Distance excluding loading and unloading				
	8.3.3.5 & 8.3.4.5	Size 12.5 X 30 cm	plant	230	1.74	400.20
4	6.2.3	Loading of plants in vehile				
	6.2.3.5	Size 12.5x30 cm	plant	230.00	0.68	156.40
5	6.2.4	Unloading of plants from vehile				
	6.2.4.5	Size 12.5x30 cm	plant	230.00	0.50	115.00
6	6.3.1	Treatment of pits soil with insecticide	Pits	230.00	0.55	126.50
7	6.3	Planting (including submerging the polypot in insecticide treated water, cutting and removing the polythene bag, refilling of pit after removing stones and pressing the soil arround plant)				
a	6.3.3.3.1	in hilly area size 12.5x30 cm	plant	230.00	8.82	2028.60


  
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8		Making of crescent shaped thanwala, having 45 radious, around planted				
a	6.4.3	in stone hilly area	plant	230.00	9.36	2152.80
b	6.4.4	Repair of thanwala	plant	1000.00	1.65	1650.00
9	6.7.4	Application of urea/other ferlizers to plants	plant	2300.00	0.55	1265.00
10		Weeding and hoeing of plants in plantation (in 45 cm radious and 15 cm depth) two times				11000.00
b	6.6.1.2	In hard soils with boulders 2300 plant	plant	4600.00	5.30	24380.00
11	2.2.2	Ditch fencing :- 1.2 m deep, 1.5m wide at top and 0.90m wide at bottom ,includes dressing (volume per running meter=1.44 cum)				
a	2.2.2.7 & 8	Ditch fencing repair above 50% boulders	cum	80.00	141.84	11347.20
12	as per model	Watch and ward	12 Months X26 days	312.00	259.00	80808.00
13		Miscellaneous and unforeseen expenses including (additional watering, hoeing,fencing and frost protection measures and ruuning of vehicles etc.)	LS	LS	LS	3268.00
		TOTAL YEAR 2				130000.00
		Administrative charge 10%				13000.00
		TOTAL				143000.00

**Subsequent Maintanace (year 3 to 12 )**

1	2.2.2	Ditch fencing :- 1.2 m deep, 1.5m wide at top and 0.90m wide at bottom ,includes dressing (volume per running meter=1.44 cum)				
a	2.2.2.5 & 8	Repair of Ditch fencing hard soil above 50% boulders 60 RMT	cum	55	141.84	₹ 7,801.20
2	8.4.1	Pruning/ branch cutting (cutting of branches in lower 1/3rd of tha plants)				
a	8.4.1.2	between 2- 4 m height	per tree	1500	3.04	₹ 4,560.00
3	as per model	Watch and ward	12Mont hs X26 days	312	259	₹ 80,808.00

  
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4	Miscellaneous and unforeseen expenses including (additional watering, hoeing, fencing and frost protection measures and running of vehicles etc.)				₹ 6,830.80
	TOTAL YEAR 3				100000.00
	Administrative charge 10%				10000.00
	TOTAL				110000.00
	GRAND TOTAL				
	0 Year		1089000		
	first year		264000		
	second year		143000		
	third year		110000		
	forth year		110000		
	fifth year		110000		
	six year		110000		
	seven year		110000		
	eight year		110000		
	nine year		110000		
	ten year		110000		
	eleven year		110000		
	twelth year		110000		
	TOTAL		2596000		

It is certifies that all rates are based on B.S.R/C.C.F jaipur 2022

*Signature*

Range Forest Officer  
Wildlife Raisar

Technically Checked by

Rate & calculation checked as per BSR

*Signature*  
Asst. Conservator of Forests  
Wildlife Jamwaramgarh

*Signature*  
Asst. Account Officer  
Wildlife Jaipur

*Signature*  
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Approved  
*Signature*  
Dy Conservator of Forest  
Wildlife Jaipur