

# MODEL ESTIMATE FOR 0 YEAR ADVANCE ACTION

NAME OF SITE : NIMALI

WORKING AGENCY : FOREST DEP.

AREA - 13.72 Ha.

AMT RS.

RANGE : FALODI

GPS N 25°52' 19.1" E 76°25'09.7"

S.No.	ITEMS	UNIT	QU	RATE	AMOUNT
<b>ADVANCE ACTION (0 YEAR)</b>					
1	Collection of basic datas for Microplanning and carrying out joint forest management activities.	Ha.	13.72	516	7079.52
2	Survey of area, lay out of contour trenches, burrowpits and making of segments /plots	Ha.	13.72	416	5707.52
3	Fencing by stone wall and or by ditch				
	a) Stone wall fencing 1.20m high 0.80 m at base & 0.60 at top (on an average 30m/ha.)				
	b) Ditch fencing 1.20 m deep, 1.50m wide at top & 0.90 m at bottom (on an average 30m/ha.)	R.m.	824	219	180456
4	Cost of raising 9056 seedlings in nursery.	plant	9056	357	32329.92
5	Digging up 400 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement.	R.m.	2744	25.27	69340.88
6	Digging of 4116 pits size 0.45x(4+5/2)2 cum	plant	4116	15.72	64703.52
7	Cost of Collection and purchase of gass and other seeds of trees and shrubs	ha.	13.72	183	2510.76
8	Treatement of Nallas by construction series of Chekdams of dry ramdom rubble/earthan/bruchwood	Ha.	13.72	586	8039.92
9	Construction of Thatched cattle guard hut	Ha.	13.72	181	2483.32
10	Purchase of construction of water storage tank	Ha.	13.72	109	1495.48
11	Labour aminties	Ha.	13.72	153	2099.16
12	Watch and ward @ 13600 per month for 4 months	Ha.	13.72	1157	15874.04
13	Purchase of tools and plants	Ha.	13.72	103	1413.16
14	Construction of 15 mt. long contour dykes of 30x30-cm cross section on upper slopes and sowing of suitable thorny shrub species seeds along its innerside	R.m.	586	27.9	19139.4
15	Construction of the pillars of appropriate size for gate	Ha.	13.72	155	2126.6
16	Purchase of signboards and their fixing site	Ha.	13.72	111	1522.92
17	Misc. and unforeseen expenses including running of vechicles	Ha.	13.72	325	4459
	<b>Total</b>				<b>420781.12</b>
19	Administravtive charges 10%				42078.112
	<b>Total</b>				<b>462859.23</b>
<b>YEAR I (PLANTING YEAR)</b>					



Collection of datas regarding impact assessment and strengthening Joint Forest Management					
	Ha. prorata	13.72	68	930.24	
2	Maintenance of 9056 seedling in nersery	No	9056	1.9	17206.4
3	Digging of 4116 pits of size 0.45 (4+5/2)*2 Cum	No	4116	15.72	64703.52
4	In situ soil and moisture conservation measures like check dam, nadies, earthen bunds etc.	prorata	13.72	2511	34450.92
5	Digging of 30cmX30 cm cross section trench along inner side of stone wall fencing and seed sowing (60mt./ha.)	per rmt.	824	11.12	9162.88
6	Sowing /dibbing of seeds of shurb species of the mounds of staggered /contiounus contour trenches "V" ditch and ditch fencing including pretreatment of seeds (370rmt)	R.m.	6312	0.53	3345.36
7	Purchase of insecticide and Fertilizers.	plant	8232	0.77	6338.64
8	Sowing of pellats of grass /pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	prorata	13.72	455	6242.6
9	Transportation of 8232 plants from nursery to planting site	plant	8232	1.27	10454.64
10	Planting of 8232 seeds including Refilling of pits	plant	8232	3.66	30129.12
11	Watering (if sufficient rains are not there) & application of insecticide in 8232 plants at the time of planting.	plant	8232	2.83	23296.56
12	Restoration of natural regeneration by making crescent shapad mounds of the lower stopes seeding and sapling and making ring trenches around the natural trees/ shrubs (150 plant /ha)	plant	2058	3.66	7532.28
13	Making of crescent shaped mounds bellow planted sapling after planting and dibbing 2 or 3 seeds of shrub species on the mound. (600 plants/ha)	plant	8232	3.2	26342.4
14	Wedding and hoeing of 16464 plants in 2 time. Repairing of plants mound staggered/ contiionus contour trenches and "V" ditch including Singling / spacemnt in the line sowing	plant	16464	3.19	2520.16
15	Wedding on contour trenches and "V" ditches and spacemnt/singling.	Ha.	13.72	471	6462.12
16	Raising of 60 seedilings in nursery for casually replacement of year -2 (10% of 600)	seedling	824	3.66	3015.84
17	Watch and ward @ 13600 per month for 12 months	Ha.	13.72	3471	47622.12
18	Labour aminties and hut repair	Ha.	13.72	337	4623.64
19	construction of approach road / inspection path	Ha.	13.72	342	4692.24



	construction of gate and foxing of sing board	Ha.	13.72	530	7271.6
	micellaneous and unforeseen expenditure.	Ha.	13.72	168	2304.96
	<b>Total</b>				<b>318648.24</b>
22	Administrative charges 10%				31864.824
	<b>Total</b>				<b>350513.06</b>

### First Year Maintenance (Year 2)

1	Collection of datas regarding impact assesmment and strengthening Joint Forest Management	Ha.	13.72	68	932.96
2	Maintenance of 60 Seeding in nursery for casually replacement in 2nd year		824	1.9	1565.6
3	Repair of fencing	Ha.	13.72	201	2757.72
4	Casualty replacement 60 platns including redigging of pits, transportation planting watering and application of insecticides.		824	10.34	8520.16
5	Weeding and hoeing of 16464 plants in pits 2 times	plant	16464	3.2	52684.8
6	Watch and ward for 12 months @13600/-	Ha.	13.72	3471	47622.12
7	Misc0. and unforeseen expences including (additional watering and forest protection measures etc.	Ha.	13.72	526	7216.72
	<b>Total</b>				<b>121300.08</b>
8	Administrative charges 10%				<b>12130.008</b>
	<b>Total</b>				<b>133430.09</b>

### SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)

1	Collection of datas regarding impact assesmment and strengthening Joint Forest Management	Ha.	13.72	68	932.96
2	Watch and ward for 12 months @13600/-	Ha.	13.72	3471	47622.12
3	Misc0. and unforeseen expences including (repairing of fencing/structures pruning etc.	Ha.	13.72	888	12183.36
4	<b>Total 3</b>				<b>60738.44</b>
5	Administrative charges 10%				<b>6073.844</b>
	<b>Grand Total</b>				<b>66812.284</b>
	0 Year				462859.23
	First Year				350513.06
	Second Year				133430.09
	Third Year				66812.284
	Fourth Year				66812.284
	FifthYear				66812.284
	Sixth Year				66812.284
	Seventh Year				66812.284
	Eighth Year				66812.284
	Ninth Year				66812.284
	Tenth Year				66812.284
	Eleventh Year				66812.284
	Twelfth Year				66812.284
	<b>Total</b>				<b>1614925.2</b>
	Say				

*Handwritten signatures and stamps:*  
 सहजीव सचिव  
 रणथम्भौर बाघ प्ररियोजना  
 सवाई माधोपुर

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