

02. क्षतिपूरक वृक्षारोपण, एन.पी.वी. एवं अन्य व्ययों का विवरण एक ही पृष्ठ पर की जानी है।

(A) Amount Required for NPV:-

Total forest area Proposed to be divert 4.00 hectare

Area proposed to be divert in DCF Territorial 3.14Ha.

For Eco-Class:- Third (III) open Forest NPV rate @ 6.26 lac/Ha

NPV for 3.14 forest land =6.26*3.14 Rs. 19.65640 LAKHS

(B) CA Plan

Village-Jodhpura, Tehsil-Iadpura, District-Kota(Raj) Khasra

No of proposed site -407

Area proposed for CA (NFL)-4 Hectare

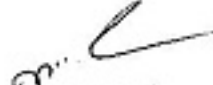
Perimeter of the area = 1260 meter

Cost of CA as per modal =@Rs 155000/=4*1,55,000=6,20,000

Additional amount required for fencing 1260-240 meter (as per modal)1020 rmt@
Rs.341.40 /rmt=3,48,228

Total cost for CA (NFL) Rs. 9,68,228 =Rs.9.68228 LAKHS

The modal cost in on the basis of Rs. 201/- day labour rate. The user agency has given undertaking for the difference, If the labour rate is revised by the state Government.

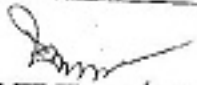

एन.एस.राणावत
उप वन सहायक
कोटा

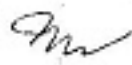
MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

UNIT :
PERIMETER:
LABOUR RATE:
COST ESTIMATE:
ITEM OF WORK

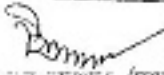
ON ALLOTTED NON FOREST LAND
50 Ha
60 Mpha.
Rs 147/Day
in Rs /Ha


ADVANCE ACTION (0 YEAR)		RATE (Rs.)	LABOUR		TOTAL
S.N O.	ITEMS		COMPONENT	MATERIAL COMPONENT	
1	Collection of Basic Data for Microplanning and carrying out joint forest management activities.	388.00 / ha	343	43.00	388.00
2	Survey of area, lay out of contour trenches, burrow pits and making of segments / plots	313.05/ha	270.05	43.00	313.05
3	Fencing by stone wall and or by ditch				
	a.) Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (on an average 30m/ha.)	147/mtr	4410.05		4410.05
	b.) Ditch fencing 1.20m deep, 1.50m wide at top & 0.50m at bottom (on an average 30m/ha.)	160.07/mtr	4802.05		4802.05
4	Cost of raising 1210 seedlings in nursery	2.85/- per	1878.35	1476.00	3452.35
5	Digging of 500 pits size: 0.45x(4+5/2)2	11.50/ pit	5749.39		5749.39
6	Digging up 400 mtr Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement	18.48/mtr	7381.45		7381.45
7	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 interside	19.80/ mtr.	298.36		298.36
8	Treatment of Netas by construction series of Checkdams of dry ramdom rubble/earth/brushwood	Prorata	429.03		429.03
9	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square column	Prorata	46.82	83.00	129.82
10	Construction of approach road and inspection path	Prorata	162.25		162.25
11	Watch and ward @9720 per month for 4 months	Prorata	847.16		847.16
12	Construction of Thatched cattle guard hut.	Prorata	82.76	66.00	148.76
13	Cost of grass and other seeds	Prorata		206.00	206.00
14	Labour amenities	Prorata	54.45	73.00	127.45
15	Purchase of tools and plants	Prorata		94.00	94.00
16	Purchase or construction of water storage tank	Prorata	46.82	41.00	87.82
17	Purchase of signboards and their fixing	Prorata	17.42	78.00	95.42
18	Misc. and unforeseen expenses including running of vehicles	Prorata	87.11	138.00	225.11
	TOTAL YEAR 0				
19	Administrative charges 10%		27014.52	2341.00	29355.52
	TOTAL				32291.07


उप वन संरक्षक (प्रशासन)
प्रधान मुख्य वन संरक्षक
प्रशिक्षण अनुसंधान, शिक्षा एवं प्रसार
राजस्थान, जयपुर


मुख्य वन संरक्षक (आयोजन)
राजस्थान, जयपुर

YEAR I (PLANTING YEAR)					
1	Collection of data regarding impact assessment and strengthening Joint Forest Management	Prorata		62.00	62.00
2	Layout of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4th area	45.82/ha	45.82		45.82
3	Digging of 600 pits of size 0.45 (4'6") x 2'2" Curb	11.50/pit	6899.27		6899.27
4	Construction of silt detention dam/normal anti/check dams, etc.	Prorata	1843.51	217.00	2060.51
5	Maintenance of 1270 seedling in nursery	1.43 / plant	1436.26		1436.26
6	Restoration of natural regeneration by making crescent shaped mounds on the lower slopes of seedling and sapling and making ring trenches around the natural trees/shrubs, (150 plant/ha)	2.68/plant	401.8		401.80
7	Sowing of pellets of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	573.65	53.00	626.65
8	Sowing/dibbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (370 ml)	0.38/ml	133.93	10.00	143.93
9	Sowing of seeds of shrub spp. on 60 mt "V" ditch	Prorata	23.96	2.00	25.96
10	Transportation of 1100 plants from nursery to planting site	0.94/plant	978.92	56.00	1034.92
11	Planting of 1100 seedlings including Refilling of pits	2.68/plant	2948.56		2948.56
12	Making of 1100 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	2.34/plant	2575.25		2575.25
13	Spot watering & application of insecticides in 1100 plants in case of advance planting	2.07/plant	2276.8		2276.80
14	Additional watering in base of long drought spell with insecticide.	2.07/plant	2275.8		2275.80
15	Weeding and hoeing of 1100 plants in 2 times.	2.34/plant	5190.5		5190.50
16	One additional hoeing of 1100 plants.	1.33/ plant	1461.3		1461.30
17	Weeding and hoeing on staggered/continuous contour trenches and "V" ditch including Singling/spacement in the line sowing.	Prorata	461.69		461.69
18	Purchase of insecticide and Fertilizers for 1100 plants.	0.70/plant		770.00	770.00
19	Raising of 110 seedlings in nursery for casual replacement in year-2 (10% of 1100)	2.85/seedling	179.67	134.00	313.67
20	Watch and ward @8720 per month for 12 months	Prorata	2540.4		2540.40
21	Special protection of frost tender species.	Prorata	23.96	31.00	54.96
22	Labour amenities	Prorata	113.25	20.00	133.25
23	Repairs of fencing.	143/moat	135.02	8.00	143.02
24	Repairs of check dams.	Prorata	49	4.00	53.00
25	Miscellaneous and unforeseen expenditure	Prorata	91.47	100.00	191.47
TOTAL YEAR I			32617.99	1759.00	34376.99
26	Administrative charges 10%				3437.70
TOTAL					37814.69


 उप वन सहायक (प्रशासकी)
 जल संरक्षण विभाग
 परिक्षण, उपविभाग, राजस्थान, जयपुर


 मुख्य वन संरक्षक (आयोजना)
 राजस्थान, जयपुर

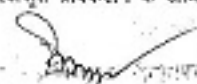
First Year Maintenance (Year 2)

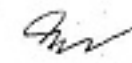
1	Collection of data regarding impact assessment and strengthening Joint Forest Management.	62.00/ha		62.00	62.00
2	Maintenance of 110 Seedling in nursery for casualty replacement in 2nd year	1.42 /plant	130.87	20.00	150.87
3	Casualty replacement 110 plants including redging of pits, transportation planting, watering	7.67/plant	784	60.00	844.00
4	Sowing/dribbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185 m.)	0.41/ mt	70.78	4.00	74.78
5	Weeding and Hoeing in 1100 plants in pits two times	2.34/plant	5150.5		5150.50
6	Weeding and hoeing on staggered/ continuous contour trenches and "V" ditch including Singling/ spacing in the line sowing, (185 mt.)	2.53/plant	461.69		461.69
7	Repair of fencing	143/ha	135.02	8.00	143.02
8	Repairing of Check dams	Prorata	82.55	10.00	102.56
9	Pruning of Trees species to boost up the growth	Prorata	142.55	11.00	153.55
10	Wages of Chowkidar @ Rs. 9720/ month (only applicable to work charge employees)	prorata	2540.4		2540.40
11	Misc. and unforeseen expenditure	prorata	81.67	57.00	138.67
	TOTAL YEAR 2		9589.94	238.00	9827.94
12	Administrative charges 10%				982.79
	TOTAL				10810.73

SUBSEQUENT MAINTENANCE (YEAR 3 TO 5)

1	Collection of data regarding impact assessment and strengthening Joint Forest Management.	62.00/ha		62.00	62.00
2	Sowing/dribbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185 m.)	0.41/ mt	70.78	4.00	74.78
3	Repair of fencing	143/ha	135.02	8.00	143.02
4	Repairing of Check dams	Prorata	4.35	5.00	9.35
5	Pruning of Trees species to boost up the growth	Prorata	70.78	3.00	73.78
6	Wages of Chowkidar @ Rs. 9720/ month (only applicable to work charge employees)	prorata	2540.40		2540.40
7	Maintenance of Vehicles	prorata	85.33	85.00	150.33
	TOTAL YEAR 3		2896.67	167.00	3063.67
	Administrative charges 10%				306.37
					3359.04
	GRAND TOTAL				101070.00

नोट :- मॉडल कार्यालय विशेष पर कार्य सम्पादित कराने के लिये प्रावधान नहीं है वरन केवल मार्गदर्शक है। कार्यालय पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं/परिस्थितियों के अनुसार सहाय स्तर से स्वीकृत प्रावधान के आधार पर कार्य कराये जावे।


 सहाय संचालक
 राजस्थान, जयपुर


 मुख्य वन सहायक (अ.टी)
 राजस्थान, जयपुर

Year	
First Year	32291.07
Second Year	37014.66
Third Year	10810.73
Fourth Year	3350.04
Fifth Year	3350.04
Sixth Year	3350.04
Seventh Year	3350.04
Eighth year	3350.04
Total	101970.72
8.7	111500

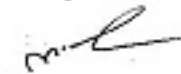
Above plantation modal is as per labour rate Rs. 147/day. Due to increase in labour rate as Rs. 201/-day Govt. order No p.1(357) वन / 1997-पार्टे Jaipur dated 13.01.2017 CA on NFL rate is proposed as 1,55,000/- per hec.

Required funds for NFL on 4 hec. Land @ 1,55,000 per hec.
 = Rs. 1,55,000*4
 = Rs. 6,20,000

Additional amount required for fencing 1260-240 meter (as per modal)
 1020 rmt @ Rs.341.40 /rmt as per (Kota circle BSR)
Rs.=3,48,228

Total Rs.=9.68228 lakhs

Species to be planted are Neem, churel, Desi babual, ber, Ronj, Khair etc


 (एल.एस.सनावल)
 सप वन सप्लक
 कोटा