

OFFICE OF DEPUTY CONSERVATOR OFFOREST, BHARATPUR

Name of project:- Widening, strengthening and Improvement of geometrics of Saint to Nonera Road upto UP Border, Via Konthera (UP Border)-Bahaz-Deeg-Khoh-Adi Badri-Baroli Dhau-Kedarnath Temple-Luhesar-Bhojan Thali (Brij Chorasi Kos Parikrama Marg) km 0/00 to 82/290 (MDR-211), Bharatpur Rajasthan

CHECK LIST SERIAL NUMBER: 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Details scheme for (1100 Plants) for compensatory afforestation to be carried out in lieu of 2.4210 ha. of forest area to be diverted for Widening, strengthening and Improvement of geometrics of Saint to Nonera Road upto UP Border, Via Konthera (UP Border)-Bahaz-Deeg-Khoh-Adi Badri-Baroli Dhau-Kedarnath Temple-Luhesar-Bhojan Thali (Brij Chorasi Kos Parikrama Marg) km 0/00 to 82/290 (MDR-211), Bharatpur Rajasthan

Details of non forest land:-

District – Bharatpur, village – Adhavali, tehsil - Deeg

Name of forest division DCF BHARATPUR_range_Deeg
area to be afforested 2.4210 Ha.

5. Description of Area

VI) Whether the site selected for compensatory afforestation is a land bank or not: no

VII) If the CA site is other than the land bank, reasons be given: Degraded forest land is identified for compensatory afforestation as forest land proposed for diversion is less than one hectare.

VIII) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- Nil

IX) Soil type: Sandy

X) Topography:

(a)Hilly/undulating/plain: Undulating

(b)slope:steep/medium/gentle: Gentle slope

VI) Whether the area is bearing any root stock of vegetation: yes

6. Plantation Model:- Copy of the approved CA Scheme/Model showing component wise physical and financial break up to be enclosed

7. Schedule of Plantation Programme:-

Details of year wise break up of requirements of funds is as under:-

Year	Area in ha.	Rate /ha.	Amount (in Ruppees)
0 th year	2.4210	53982	130690
1 st year	2.4210	63773	154394
2 nd year	2.4210	18363	44456
3 rd year	2.4210	5659	13700
4 th year	2.4210	5659	13700
5 th year	2.4210	5659	13700
6 th year	2.4210	5659	13700
7 th year	2.4210	5659	13700
8 th year	2.4210	5659	13700
9 th year	2.4210	5659	13700
10 th year	2.4210	5659	13700
11 th year	2.4210	5659	13700
12 th year	2.4210	5659	13700
Total	2.4210	192700	466527

8. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- (i) General details: The area is a degraded forest land. Scheme is prepared for 1000 plants on Forest land
- (j) Spacing: 3x3 Meter
- (k) Species: Acacia Nilotica, Acacia Tortilis, Ziziphus Jujube, Acacia leucophloea etc.
- (l) Plantation method: Manual
- (m) Soil and Moisture conservation works: No
- (n) Protection (Fencing, Watch man, People's Participation etc.): Fencing
- (o) Proposed Monitoring Mechanism:- One Guard will be deputed for supervision
- (p) Any other information:- Nil

(Signature)

Date:

(Abhimanyu saharan)

Deputy Conservator of Forest
Bharatpur

ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED NON FOREST LAND

Full Title of the Project: Widening, strengthening and Improvement of geometrics of Saint to Nonera Road upto UP Border, Via Konthera (UP Border)-Bahaz-Deeg-Khoh-Adi Badri-Baroli Dhau-Kedarnath Temple-Luhesar-Bhojan Thali (Brij Chorasi Kos Parikrama Marg) km 0/00 to 82/290 (MDR-211), Bharatpur Rajasthan

LABOUR RATE:

Rs.252/Day

COST ESTIMATE:

in Rs./Ha.

ADVANCE ACTION (0 YEAR)

S.No	ITEMS	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest managment activities.	575 / ha	588	50.29	638
2	Survey of area, lay out of contour trenches, burrowpits and making of segments / plots	463/ha	462.59	50.29	513
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.)	225/rmt	7560	0	7560
	b.) Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 30m/ha.)	245.2/rmt	8237.92	0	8238
4	Cost of raising 770 seedlings in nursery.	3.93/- per	3397	1730.19	5128
5	Digging of 500 pits size: 0.45x(.4+.5/2)2	17.59/ pit	9855.21	0	9855
6	Digging up 400 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement	28.28/rmt	12673.35	0	12673
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 innerside	30.46/ rmt.	512.28	0	512
8	Treatment of Nallas by construction series of Checkdams of dry ramdom rubble/earthan/brushwood	Prorata	734.7	0	735
9	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square column	Prorata	80.45	97.37	178
10	Construction of approach road and inspection path	Prorata	278.03	0	278
11	Watch and ward @16188per month for 4 months	Prorata	1450.48	0	1450
12	Construction of Thatched cattle guard hut.	Prorata	141.97	78.11	220
13	Cost of grass and other seeds	Prorata	0	242.89	243
14	Labour aminities	Prorata	92.28	85.6	178
15	Purchase of tools and plants	Prorata	0	110.21	110
16	Purchase or construction of water storage tank.	Prorata	79.27	48.15	127
17	Purchase of signboards and their fixing	Prorata	31.94	92.02	124
18	Misc. and unforeseen expenses including running of vehicles	Prorata	150.25	162.64	313
	TOTAL YEAR 0		46326.59	2747.76	49074
19	Administrative charges 10%				4907
	TOTAL				53982

YEAR I (PLANTING YEAR)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Layout of of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4th area	71/ha	79.27	0	79
3	Digging of 600 pits of size 0.45 (4+5/2)*2 Cum	17.59/ pit.	11826.25	0	11826
4	Construction of silt detention dams/smal anicut/check dams, etc.	Prorata	3160.06	255.73	3416
5	Maintenance of 1210 seedling in nursery	2.11/ plant	2485.69	341.33	2827
6	Restoration of natural regeneration by making crescent shapad mounds on the lower slopes of seedling and sapling and making ring trenches around the natural trees/shrubs. (150 plant/ ha)	4.10/plant	688.56	0	689
7	Sowing of pellats of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	984.34	62.06	1046
8	Sowing/dibbling of seeds of shurb species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (370 rmt.)	0.59/ rmt.	231.89	11.77	244
9	Sowing of seeds of shrub spp. on 60 mt. "V" ditch	Prorata	41.41	3.21	45
10	Transportation of 1100 plants from nursery to planting site	1.41/plant	1668.17	68.48	1737
11	Planting of 1100 seedlings including Refilling of pits	3.58/plant	5049.46	0	5049
12	Making of 1100 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	3.16/plant	4411.77	0	4412
13	Spot watering & application of insecticides in 1100 plants in case of advance planting.	3.16/plant	3904.23	0	3904
14	Additional watering in case of long drought spell with insecticide.	3.57/plant	3904	0	3904
15	Weeding and hoeing of 1100 plants in 2 times.	2.03/plant	8797.52	0	8798
16	One additional hoeing of 1100 plants.	1.93/ plant	2511.72	0	2512
17	Wedding and hoeing on staggered/ continuous contour trenches and 'V' ditch including Singling/spacement in the line sowing.	Prorata	791.49	0	791
18	Purchase of insecticide and Fertilizers for 1100 plants.	0.82/plant	0	906.29	906
19	Raising of 110 seedilings in nursery for casualty replacement in year-2 (10% of 1100)	3.93/seedli ng	308.79	157.29	466
20	Watch and ward @16188 per month for 12 months	prorata	4351.44	0	4351
21	Special protection of frost tender species.	Prorata	41.41	36.68	78
22	Labour aminities.	Prorata	195.21	23.54	219
23	Repairs of fencing.	193/hact.	230.7	9.63	240
24	Repairs of check dams.	Prorata	84	5.35	89

25	Micellaneous and unforeseen expenditure.				
	TOTAL YEAR 1	Prorata	156.17	117.7	274
26	Administrative charges 10%		55903.77	2071.52	57975
	TOTAL				5798
	First Year Maintenance (year 2)				63773
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Maintenance of 110 Seedling in nursery for casualty replacement in 2nd year	2.15/plant	225.97	31.03	257
3	Casualty replacement 110 plants including redigging of pits, transportation planting, watering	11.55/plant	1345.18	69.55	1415
4	Sowing/dibbling of seeds of shurb species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185 m.)	0.61/ rmt.	120.68	5.35	126
5	Weeding and Hoeing in 1100 plants in pits two times	3.57/plant	8797.52	0	8798
6	Wedding and hoeing on staggered/ continuous contour trenches and 'V' ditch including Singling/ spacement in the line sowing. (185 rmt.)	3.82/plant	792.68	0	793
7	Repair of fencing	216/-ha.	230.7	9.63	240
8	Repairing of Check dams	Prorata	160.9	11.77	173
9	Pruning of Trees species to boost up the growth	Prorata	244.9	12.84	258
10	Wages of Chowkidar @ Rs.16188/ month (only applicable to work chage employee)	prorata	4351.44	0	4351
11	Misc. and unforeseen expenditure	prorata	143.15	67.41	211
	TOTAL YEAR 2		16413.13	280.34	16693
12	Administrative charges 10%				1669
	TOTAL				18363
	SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)				
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Sowing/dibbling of seeds of shurb species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185 m.)	0.61/ rmt.	120.68	5.35	126
3	Repair of fencing	216/hact.	230.7	9.63	240
4	Repairing of Check dams	Prorata	8.28	6.42	15
5	Pruning of Trees species to boost up the growth	Prorata	121.86	4.28	126
6	Wages of Chowkidar (only applicable to work chage employee)	prorata	4351.44	0	4351
7	Maintenance of Vehicles	prorata	112.39	100.58	213
	TOTAL YEAR 3		4945.35	199	5144
	Administrative charges 10%				514
	Total				5659

GRAND TOTAL Year	Rate per ha.	NFL Area in hactare	Total amount for CA (In rupees)
First Year	53982	2.421	Total Amount for CA will be : 192700 X 2.4210 = 466527/- (four lakh sixty six thousand five hundred twenty seven Rupees only
Second Year	63773	2.421	
Third Year	18363	2.421	
Fourth Year	5659	2.421	
Fifth Year	5659	2.421	
Sixth Year	5659	2.421	
Seventh Year	5659	2.421	
Eighth year	5659	2.421	
Ninth Year	5659	2.421	
Tenth Year	5659	2.421	
Eleventh Year	5659	2.421	
Twelfth Year	5659	2.421	
Total	192706	2.421	
SAY	192700	2.421	

Total Amount = Rs.192700 X 2.4210 ha. =Rs. 468350/- (four lakh sixty six thousand five hundred twenty seven Rupees only)

Place:

Date:

(signature)

Name:.....

Designation:.....