

## Deputy Conservator of Forest, Ajmer(Rajasthan)

**Full title of the Project:** Development of Bewar Masuda- Goyala Road , Section of SH-26A From Km. 2+550 to Km. 72.400, in the state of Rajasthan.

**Diversion Area:** 4.9696Ha.(5.0HA. NFL)

**File No. :** FP/RJ/ROAD/21332/2016

**Date of Proposal:** 06/07/2023

### CHECK LIST SERIAL NUMBER: 18

#### "CA SCHEME FOR NFL"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 5.0 Ha. of Non forest area to be diverted for : Development of Bewar Masuda- Goyala Road , Section of SH-26A From Km. 2+550 to Km. 72.400, in the state of Rajasthan..

#### 1. Details of degraded forest land/non-forest land:-

District Ajmer Village Sawaipura Tehsil: Pisangan

Name of Forest Division DCF -Ajmer Range Pushkar

Block/Compartment/Survey No. Sawaipura-2(U.F.) Area to be afforested 5.0

Hectare

#### 2. Description of Area

I) Whether the site selected for Compensatory Afforestation is a

Land bank or not:                      No                     

II) If the CA site is other than the land bank, reasons be given: Non Forest land is identified for Compensatory Afforestation as forest land proposed for diversion is less than One Hectare.

III) In case of non forest area identified for CA, then what is the

Distance of CA site from the adjoining forest boundary: Nil

IV) Soil type: Sandy Loam and Clay Loam

V) Topography:

(a) Hilly/Undulating/Plain: Plain

(b) Slope: Steep/Medium/Gentle: Gentle Slope

VI) Whether the area is bearing any root stock of vegetation: No

#### 3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed.

4. **Schedule of Plantation Programme:-**

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

Year	Rate
0 <sup>th</sup> Year(Advance Action)	55397
1 <sup>st</sup> Year(Planting Year)	65481
2 <sup>nd</sup> Year Maintenance (Year-2)	18864
3 <sup>rd</sup> Year Maintenance(Year-3)	5810
4 <sup>th</sup> Year Subsequent Maintenance	5810
5 <sup>th</sup> Year Subsequent Maintenance	5810
6 <sup>th</sup> Year Subsequent Maintenance	5810
7 <sup>th</sup> Year Subsequent Maintenance	5810
8 <sup>th</sup> Year Subsequent Maintenance	5810
9 <sup>th</sup> Year Subsequent Maintenance	5810
10 <sup>th</sup> Year Subsequent Maintenance	5810
11 <sup>th</sup> Year Subsequent Maintenance	5810
12 <sup>th</sup> Year Subsequent Maintenance	5810
Amount for CA NFL as per Approved Model Govt. Rajasthan	1,97842/- Say 1,98,000/-
<b>Total CA NFL Amount as per 259 Rs. Per DayLabour Rates 1,98,000x5.0ha.=9,90,000/-</b>	<b>9,90,000/- (5.0*198000)</b>


5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: Scheme is prepared for Non Forest Land (NFL).
- Spacing: 3X4 Meter
- Species: Acacia Nilotica, Acacia Tortilis and Azadirachta Indica and Prosopis cineraria.
- Plantation Method: Manual
- Soil and Moisture Conservation Works: - No
- Protection (Fencing, Watch man, People's Participation etc.): - Individual Plant Fencing
- Proposed Monitoring Mechanism: - One Guard will deputed for Supervision
- Any other information: - Nil

Place: Ajmer

Date: 24.07.2023

  
(Signature)  
Name Ajay Chittora  
Designation DCF-Ajmer

# Deputy Conservator of Forest, Ajmer(Rajasthan)

## DETAILS ESTIMATE AMOUNT FOR CA(NFL)

<b>Full title of the Project:</b> Development of Bewar Masuda- Goyala Road , Section of SH-26A From Km. 2+550 to Km. 72.400, in the state of Rajasthan FP/RJ/ROAD/21332/2016 Diversion Area: 4.9696Ha.(5.0HA. NFL)	
<b>Proposal No:</b> FP/RJ/ROAD/21332/2016	<b>NAME OF RANGE</b> - Pushkar
<b>NAME OF DIVISION</b> - DCF Ajmer	<b>No. of Plants</b> - 5000
<b>NAME OF THE FOREST BLOCK</b> - Sawaipura 2 (Unclassed Forest)	<b>NAME OF TEHSIL</b> - Pisangan
<b>TOTAL NFL AREA</b> -5.0Ha	<b>LABOUR RATE</b> - Rs.259/Day
<b>TOTAL AMOUNT</b> - Rs 990000 (9.90 Lac Rs)	<b>DFL SCHEME</b> - CAMPA

Number of Plants=5000(5.0 x1000=5000)

### **ADVANCE ACTION (0 YEAR)**

S.No.	ITEMS	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1.	Collection of Basic for Microplaning and crying out joint forest management activities.	575/ha	604.33	50.29	655
2.	Survey of area, lay out of contour trenches, burrowpits and making of segments / plots.	463/ha	475.44	50.29	526
3.	Fencing by stone wall and or by ditch.		0.00	0	
	a.) Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (on an average 30m/ha.)	225/rmt	7770.00	0	7770
	b.) Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 30m/ha.)	245.16/rmt	8466.75	0	8467
4.	Cost of raising 1210 seedlings in nursery.	3.93/-per	3492.24	1730.19	5222
5.	Digging of 500 pits size: 0.45x(.4+.5/2)2	17.59/pit	10128.97	0	10129
6.	Digging up 400 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement.	28.28/rmt	13025.39	0	13025
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	526.51	0	527
8.	Treatment of Nallas by construction series of	Prorata	755.11	0	755



	Checkdams of dry random rubble/earthen/brushwood				
9.	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square column	Prorata	82.69	97.37	180
10.	Construction of approach road and inspection path	Prorata	285.75	0	286
11.	Watch and ward @ 15325 per month for 4 months	Prorata	1490.77	0	1491
12.	Construction of Thatched cattle guard hut.	Prorata	145.92	78.11	224
13.	Cost of grass and other seeds.	Prorata	0.00	242.89	243
14.	Labour aminites	Prorata	94.85	85.6	180
15.	Purchase of tools and plants	Prorata	0.00	110.21	110
16.	Purchase of construction of water storage tank.	Prorata	81.47	48.15	130
17.	Purchase of signboards and their fixing	Prorata	32.83	92.02	125
18.	Misc. and unforeseen expenses including running of vehicles.	Prorata	154.43	162.64	317
	<b>TOTAL YEAR 0</b>		<b>47613.44</b>	<b>2747.76</b>	<b>50361</b>
19.	Administrative charges 10%				<b>5036</b>
	<b>TOTAL</b>				<b>55397</b>

#### YEAP I (PLANTING YEAR)

1.	Collection of dates regarding assessment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2.	Layout of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4 <sup>th</sup> area	71/ha	81.47	0	81
3.	Digging of 600 pits of size 0.45 (4+5/2)*2 Cum	17.59/pit	12154.76	0	12155
4.	Construction of silt detention dams/small anicut/check dams, etc.	Prorata	3247.84	255.73	3504
5.	Maintenance of 1210 seeding in nursery	2.11/plant	2554.74	341.33	2896
6.	Restoration of natural regeneration by making crescent shaped mounds on the lower slopes of seeding and sapling and making ring trenches around the natural trees/shrubs. (150 plant/ha)	4.1/plant	707.69	0	708
7.	Sowing of pellats of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and	Prorata	1011.68	62.06	1074

	furrowing.				
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 rmt.)	0.59/rmt.	238.33	11.77	250
9.	Sowing of seeds of shrub spp. on 60 mt. "V" ditch	Prorata	42.56	3.21	46
10.	Transportation of 1100 plants from nursery to planting site	1.41/plant	1714.51	68.48	1783
11.	Planting of 1100 seedlings including Refilling of pits	3.58/plant	5189.73	0	5190
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	4534.32	0	4534
13.	Spot watering & application of insecticides in 1100 plants in case of advance planting.	3.16/plant	4012.68	0	4013
14.	Additional watering in case of long drought spell with insecticide.	3.57/plant	4012.68	0	4013
15.	Weeding and hoeing of 1100 plants in 2 times.	2.03/plant	9041.90	0	9042
16.	One additional hoeing of 1100 plants.	1.93/plant	2581.49	0	2581
17.	Wedding and hoeing on staggered/continuous contour trenches and "V" ditch including Singling/spacement in the	Prorata	813.48	0	813
18.	Purchase of insecticide and Fertilizers for 1100 plants.	0.82/plant	0.00	906.29	906
19.	Raising of 110 seedlings in nursery for casualty replacement in year-2 (10% of 1100)	3.93/seedling	317.37	157.29	475
20.	Watch and ward @ 15325 per month for 12 months	Prorata	4472.31	0	4472
21.	Special protection of frost tender species.	Prorata	42.56	36.38	79
22.	Labour amenities.	Prorata	200.63	23.54	224
23.	Repairs of fencing.	193/hact.	237.11	9.63	247
24.	Repairs of check dams.	Prorata	86.33	5.35	92
25.	Micellaneous and unforeseen expenditure.	Prorata	160.51	117.7	278
	<b>TOTAL YEAR 1</b>		<b>57456.66</b>	<b>2071.52</b>	<b>59528</b>
26.	Administrative charges 10%				5953
	<b>TOTAL</b>				<b>65481</b>

### First Year Maintenance (year 2)

1.	Collection of dates regarding impact assessment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2.	Maintenance of 110 Seedling in nursery for casualty replacement in 2 <sup>nd</sup> year	2.15/plant	232.25	31.03	263
3.	Casualty replacement 110 plants including redigging of pits, transportation planting, watering	11.55/plant	1382.55	69.55	1452
4.	Sowing/dibbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185m.)	0.61/rmt	124.03	5.35	129
5.	Weeding and Hoeing in 1100 plants in pits two times	3.57/plant	9041.90	0	9042
6.	Wedding and hoeing on staggered/ continuous contour trenches and "V" ditch including Singling/ spacement in the line sowing. (185 rmt.)	3.82/plant	814.69	0	815
7.	Repair of fencing	216/-ha	237.11	9.63	247
8.	Repairing of Check dams	Prorata	165.37	11.77	177
9.	Pruning of Trees species to boost up the growth	Prorata	251.70	12.84	265
10.	Wages of Chowkidar @ Rs. 15325/month (only applicable to work chage employee)	Prorata	4472.31	0	4472
11.	Misc. and unforeseen expenditure	Prorata	147.13	67.41	215
<b>TOTAL YEAR 2</b>			<b>16869.05</b>	<b>280</b>	<b>17149</b>
12.	Administrative charges 10%				1715
<b>TOTAL</b>					<b>18864</b>

### SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)

1.	Collection of dates regarding impact assessment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2.	Sowing/dibbling of seeds of shrub species on the mounds of staggered/ continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185m.)	0.61/rmt.	124.03	5.35	129
3.	Repair of fencing	216/hact.	237.11	9.63	247
4.	Repairing of Check dams	Prorata	8.51	6.42	15
5.	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
6.	Wages of Chowkidar @ 15325/- month (only	Prorata	4472.31	0	4472



	applicable to work chage employee)				
7.	Maintenance of Vehicles	Prorata	115.52	100.58	216
	<b>TOTAL YEAR 3.</b>		<b>5082.72</b>	<b>199</b>	<b>5282</b>
	Administrative charges 10%				528
				<b>Total</b>	<b>5810</b>

### CA SCHEME - DFL (Labour Rate: 259/- Rupees)

**Full title of the Project:** Development of Bewar Masuda- Goyala Road , Section of SH-26A From Km. 2+550 to Km. 72.400, in the state of Rajasthan FP/RJ/ROAD/21332/2016 Diversion Area: 4.9696Ha.(5.0HA.NFL)**Diversion Area:4.9696Ha**

Sr. No	Details of Work	Rate Per Hectare	Non Forest Land (NFL) Area (in Hectare)	Total Amount for CA (In Rupees)
1	0Years(Advance Action)	55397	5.00	<b>1,98,000 X 5.0 =</b> <b>9,90,000/-</b> <b>(Nine Lacs Ninety Thousand Rupees Only)</b>
2	1st Year (Planting Year)	65481	5.00	
3	2 <sup>nd</sup> Year Maintenance (Year-2)	18864	5.00	
4	2 <sup>nd</sup> Year Maintenance (Year-3)	5810	5.00	
5	Subsequent Maintenance (Year-4)	5810	5.00	
6	Subsequent Maintenance (Year-5)	5810	5.00	
7	Subsequent Maintenance (Year-6)	5810	5.00	
8	Subsequent Maintenance (Year-7)	5810	5.00	
9	Subsequent Maintenance (Year-8)	5810	5.00	
10	Subsequent Maintenance (Year-9)	5810	5.00	
11	Subsequent Maintenance (Year-10)	5810	5.00	
12	Subsequent Maintenance (Year-11)	5810	5.00	
13	Subsequent Maintenance (Year-12)	5810	5.00	
<b>Amount for CA (As per Approved Model Govt.Rajasthan</b>		<b>1,97,842 OR Say 1,98,000/- Per Ha.</b>	<b>5.0 ha.</b>	

**Place :Ajmer**

**Date :21-07-2023**

  
(Signature)

Name- Ajay Chittora  
Designation DCF-Ajmer