

Full Title of the Project : Proposed forest Land for diversion Renewal ,Widening & Strengthening of Sikar Harsh Road (ODR -04)km 8/750 to 15 /100 Village- Antri ,Distt- Sikar(Raj.)

File No. : FP/RJ/ROAD/29601/2017

Date of Proposal : 14/10/2017

### LOCATION MAP

Location Map of Non Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of proposal for diversion of 6.35 ha. of forest land for Renewal, Widening & Strengthening of Sikar Harsh Road (ODR-04)Km.8/750 to 15/100 Village Aantri in Sikar District.

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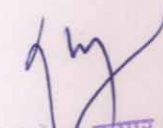
Village : Shayamnagar Tehsil Neemkathana District Sikar Forest Division Sikar Forest Range Neemkathana Block No./ Compartment No./ Survey No/ Khasra No. 243

Area 6.35 ha.

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Map attached at Portal.

Area to be taken for Compensatory Afforestation =6.35 ha.

  
Divisional Forests Officer  
Sikar Forest Division  
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"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu OG 6.35 Ha. of forest area to be diverted for village Shayamnagar Teh. Neemkathana in Sikar District.

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

District : Sikar

Village : Shayamnagar

Tehsil : Neemkathana.

Name of Forest Division Sikar Range Neemkathana.

Block/Compartment/Survey No./ Khasra No. 243

Area to be afforested 6.35 ha.

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 : In Sikar district there is no land bank for diversion cases Non Forest Land is scattered in villages in small areas.Conserved Gram Panchayat and Revenue Department has less land for grazing purposes.This area is situated adjoining proposed Diversion area of 6.35 ha. of Sikar-Harsh Road.
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary : Approximate 200 meters.
- IV) Soil type : Sandy, Clay loam
- V) Topography :
  - (a) Hilly/Undulating/Plain: Undulating
  - (b) Slope: Steep/Medium/Gentle: Medium.
- VI) Whether the area is bearing any root stock of vegetation : Acacia Tortlisa, Kankera, Kumtha.

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14/10/17

3. **Plantation Model :-**

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial Rs. 984250/- break up to be enclosed.

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

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

Year	Area in Ha.	Amount	Supervision Charge	Total.
0 <sup>th</sup> Year	6.35	250863	25087	275950
1 <sup>st</sup> Year	6.35	295396	29539	324935
2 <sup>nd</sup> Year	6.35	84760	8476	93236
3 <sup>rd</sup> Year	6.35	26232	2623	28855
4 <sup>th</sup> Year	6.35	26232	2623	28855
5 <sup>th</sup> Year	6.35	26232	2623	28855
6 <sup>th</sup> Year	6.35	26232	2623	28855
7 <sup>th</sup> Year	6.35	26232	2623	28855
8 <sup>th</sup> Year	6.35	26232	2623	28855
9 <sup>th</sup> Year	6.35	26232	2623	28855
10 <sup>th</sup> Year	6.35	26232	2623	28855
11th Year	6.35	26232	2623	28855
12th Year	6.35	26232	2623	28855
<b>Total</b>		<b>893339</b>	<b>89332</b>	<b>982671</b>

According to CA NFL Model cost Estimate for Compensatory Afforestation is 155000 Rs. per Ha. Total Amount of 6.35 ha. will be Rs. 984250/-

5. **Technical details :-**

Technical details of Compensatory Afforestation Scheme are as follows :-

- General Details :- CA Model NFL
- Spacing :- 4x4
- Species :- A. Tortlis, Ber, A. Nilotica, Shisham, Neem, Ronj etc.
- Plantation Method :- Deep Planting
- Soil and Moisture Conservation Works:-Contour trench, V-Ditch, Checkdams, Talab etc.
- Protection (Fencing, Watch man, People's Participation etc.):-

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Fencing, Watchman, People's participation.

- g) Proposed Monitoring Mechanism :- By forest staff  
h) Any other information:- Nil.

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## Model Estimate

Division - Sikar

Range - Neemkathana

NFL area - 6.35Ha.


Amount - 984250


Name of site -

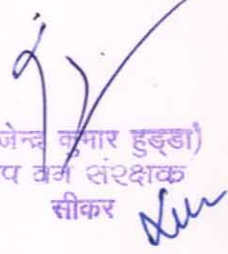
Scheme-Campa

### ADVANCE ACTION (0 YEAR)

1	Collection of Basic datas for Micropalnnng and carrying out joint forest management activites.	516/ha.	1.00 Ha.			6.35 Ha.
			469	47	516	3276.6
2	Survey of area, lay out of contour trenches burrowpits and making of segments / plots	416/ha.	369	47	416	2641.6
3	Fencing by stone wall and by ditch					0
	a) Stone wall fencing 1.20 m high 0.80 m at base & 0.60 at top (on an average 30m/ha.)	201/rmt	6030	0	6030	38290.5
	b) Ditch fencing 1.20 m deep 1.50 m wide at top & 0.90 at bottom (on an average 30m/ha.)	219/rmt	6570	0	6570	41719.5
4	Cost of raising 1210 seedlings in nursery	3.57/- per	2703	1617	4320	27432
5	Digging of 500 pits size 0.45(4+5/2)*2	15.72/pit	7860	0	7860	49911
6	Digging up 400 rmt Staggered Contour Trenches 45x45 cm cross section on middle slopes and V-ditch as per site requirement	25.27/rmt	10105	0	10108	64185.8
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.	27.20/rmt	408	0	408	2590.8
8	Treatment of Nallas by construction series of Checkdams of dry random rubble/earthan/brushwood	Prorata	586	0	586	3721.1
9	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square colum	Prorata	64	91	155	984.25
10	Construction of approach road and inspection path	Prorata	221	0	221	1403.35
11	Watch and ward @ 13600 per month for 12 months	Prorata	1157	0	1157	7346.95
12	Construction of Thatched Cattle guard hut	Prorata	113	73	186	1181.1
13	Cost of grass and other seeds	Prorata	0	227	227	1441.45
14	Labour aminities	Prorata	73	80	153	971.55
15	Purchase of tools and plants	Prorata	0	103	103	654.05
16	Purchase or Construction of water storage tank	Prorata	63	45	108	685.8
17	Purchase of signboards and their fixing	Prorata	25	86	111	704.85
18	Misc. and unforeseen expenses inculding running of vehicles	Prorata	119	152	271	1721
	<b>TOTAL YEAR 1</b>		<b>36935</b>	<b>2568</b>	<b>39506</b>	<b>250863.25</b>
19	Administrative charges 10%				3950.6	25086.325
	<b>TOTAL</b>				<b>43457</b>	<b>275950</b>

  
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YEAR I (PLANTING YEAR)


1	Collection of datas regarding impact assesment and strengthening joint Forest Management	Prorata	1.00 Ha.			6.35 Ha.
			0	68	68	431.8
2	Layout of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4 area.	63/ha	63	0	63	400.05
3	Digging of 600 pits of size 0.45(4+5/2)*2 Cum	15.72/pit	9432	0	9432	59893.2
4	Construction of sill delention dams/small anicut/check dams etc.	Prorata	2520	239	2759	17519.65
5	Maintenance of 1210 seeding in nursery	1.90/ plant	1980	319	2299	14598.65
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.)	3.66/plants	549	0	549	3486.15
7	Sowing of pellats of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	785	58	843	5353.05
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)	0.53/ rmt	185	11	196	1244.6
9	Sowing of seeds of shrub spp on 60 ml. V ditch	Prorata	33	3	36	228.6
10	Transportation of 1100 plants from nursery to planting site	1.27/plant	1333	64	1397	8870.95
11	Planting of 1100 seedling including Refilling of pits	3.66/plants	4026	0	4026	25565.1
12	Making of 1100 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	3.20/plant	3520	0	3520	22352
13	Spot watering & application of insecticides in 1100 plants in case of advance planting	2.83/plant	3113	0	3113	19767.55
14	Additional watering in case of long drought spell with insecticide	2.83/plants	3113	0	3113	19767.55
15	Weeding and hoeing of 1100 plants in 2 times	3.19/plants	7018	0	7018	44564.3
16	One additional hoeing of 1100 palnts	1.82/plant	2002	0	2002	12712.7
17	Wedding and hoeing on staggered/continuous contour trenches and V ditch including Singling/spacement in the line sowing.	Prorata	631	0	631	4006.85
18	Purchase of insecticide and Ferilizers for 1100 plants	0.77/plant	0	847	847	5378.45
19	Rasing of 110 seedilings in nursery for casually replacement in year - 2 (10% of 1100 )	3.57/seedling	246	147	393	2495.55
20	Watch and ward @ 13600 per month for 12 months	Prorata	3471	0	3471	22040.85
21	Special Protection of forst tender species	Prorata	33	34	67	425.45
22	Labour aminities	Prorata	155	22	177	1123.95
23	Repairs of fencing	193/hacl	184	9	193	1225.55
24	Repairs of check dams.	Prorata	67	5	72	457.2


Dr. RONKT


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25	Micellaneous and unforeseen expenditure	Prorata	124	110	234	1485.9
	<b>TOTAL YEAR 1</b>		<b>44583</b>	<b>1936</b>	<b>46519</b>	<b>295395.65</b>
26	Administrative charges 10%				4651.9	29539.565
	<b>TOTAL</b>				<b>51171</b>	<b>324935</b>

  
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First Year Maintenance (Year 2)

1	Collection of datas regarding impact assesment and strengthening joint Forest Management	Prorata	1.00 Ha.			6.35 Ha.
			0	68	68	431.8
2	Maintenance of 110 seeding in nursery for casually replacement in 2nd year	1.90/ plant	180	29	209	1327.15
3	Casually replacement 110 plants including redigging of pits, transportation planting watering	10.34/plant	1072	65	1137	7219.95
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)	0.54/ rmt	95	5	100	635
5	Weeding and hoeing of 1100 plants in Two times	3.19/plants	7018	0	7018	44564.3
6	Wedding and hoeing on staggered/ continuous contour trenches and V ditch including Singling/spacement in the line sowing. (185 rmt)	3.41/plant	631	0	631	4006.85
7	Repairs of fencing	193/ha.	184	9	193	1225.55
8	Repairs of check dams.	Prorata	128	11	139	882.65
9	Pruning of trees species to boost up the growth	Prorata	195	12	207	1314.45
10	Wages of Chowkidar @ Rs. 13600/- month (only applicable to work charge employee)	Prorata	3471	0	3471	22040.85
11	Micellaneous and unforeseen expenditure	Prorata	112	63	175	1111.25
<b>TOTAL YEAR 2</b>			<b>13086</b>	<b>262</b>	<b>13348</b>	<b>84759.8</b>
26	Administrative charges 10%				1334.8	8475.98
<b>TOTAL</b>					<b>14683</b>	<b>93236</b>

  
**RONK7**  
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**ALF**  
 (गुलजारी लाल)  
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 (राजेन्द्र कुमार हुड्डा)  
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**SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)**

1	Collection of datas regarding impact assesment and strengthening joint Forest Management	Prorata	1.00 Ha.			6.35 Ha.
			0	68	68	432
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)	0.54/ rmt	95	5	100	635
3	Repairs of fencing	193/ha.	184	9	193	1226
4	Repairs of check dams.	Prorata	6	6	12	76
5	Pruning of trees species to boost up the growth	Prorata	97	4	101	641
6	Wages of Chowkidar @ Rs. 13600/- month (only applicable to work charge employee)	Prorata	3474	0	3474	22060
7	Maintenance of Vehicles	Prorata	89	94	183	1162
	<b>TOTAL YEAR 2</b>		<b>3945</b>	<b>186</b>	<b>4131</b>	<b>26232</b>
8	Administrative charges 10%				413.1	2623
	<b>TOTAL</b>				<b>4544</b>	<b>28855.04</b>

**GRAND TOTAL**

0 Year	1.00 Ha.	6.35 Ha.
	43457	275950
First Year	51171	324935
Second Year	14683	93236
Third Year	4544	28855
Fourth Year	4544	28855
Fifth Year	4544	28855
Sixth Year	4544	28855
Seventh Year	4544	28855
Eingth Year	4544	28855
Ninth Year	4544	28855
Tenth Year	4544	28855
Eleventh Year	4544	28855
Twelth Year	4544	28855
Total	154751	982671
Say	155000	984250


Amount for 1 Ha. NFL area - 155000


Total NFL area -6.35 Ha.


total Amount - 984250


Species to be Planting in this area-

Sheesham, Ber, Rohira, Jaal, Bad, Gular, Pipal, Tortalis, Desi Babul etc.

  
Asst. Conservator of Forest  
(मुख्यालय) Sikar  
सहायक वन संरक्षक  
सीकर

  
Asst. Accounts Officer  
Sikar

  
Range Forest Officer  
Neemkathana  
(राजेश मोना)  
क्षेत्रीय वन अधिकारी

  
Dy. Conservator of Forest  
उप वन संरक्षक  
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मीमकाथाना (सीकर)