

Full Title of the Project: **PROPOSED DIVERSION OF 0.2586 HA. FOR CONSTRUCTION OF APPROACH ROAD(CH-0/00 TO CH-531.60) ON IN FOREST BLOCK-DOKAN (PF), VILLAGE- BHAGHESAR, TEHSIL- NEEM KA THANA, DISTRICT- SIKAR(RAJ).**

File No. : **FP/RJ/ROAD/43718/2020**

Date of Proposal : **03-01-2020**

## **"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.2586 ha. of forest area to be diverted for Construction of **APPROACH ROAD(CH-0/00 TO CH-531.60) ON IN FOREST BLOCK- DOKAN (PF), VILLAGE- BHAGHESAR, TEHSIL- NEEM KA THANA, DISTRICT- SIKAR(RAJ).** in favour of **HEERA RAM & SONS**, Village- Bhageshar, Tehsil- Neem ka Thana, Distt.- Sikar(RAJ).

### **1- Details of degraded forest land:-**

District : **Sikar**

Village : **Bhagesar**

Tehsil : **Neem Ka Thana**

Name of Forest Division **Sikar** Range : **Patan**

Block- Dokan/Compartment- 7 /Survey No. - 5 & 8 Village- Bhagesar

Area to be afforested – **0.50 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 : **290 plants are proposed to be planted on forest land of Forest Block-Dokan, village- Bhageshar khasra No. 5 & 8**

III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary : **NA**

IV) Soil type : **Hilly**

(V) Topography : **Plain**

(a) Hilly/Undulating/Plain: **Hilly**

(b) Slope: Steep/Medium/Gentle:- **Medium.**

VI) Whether the area is bearing any root stock of vegetation : **Yes.**

### **3- Plantation Model :-**



Copy of the approved Compensatory Afforestation Scheme/ Model showing component wise physical and financial break up to be enclosed of 290 plants.

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

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

<b>Year</b>	<b>Area in Ha.</b>	<b>Rate/ha. As per Model</b>
0 <sup>th</sup> Year	0.50	126444.00
1 <sup>st</sup> Year	0.50	24871.00
2 <sup>nd</sup> Year	0.50	17278.20
3 <sup>rd</sup> Year	0.50	15247.23
4 <sup>th</sup> Year	0.50	2007.40
5 <sup>th</sup> Year	0.50	1998.80
6 <sup>th</sup> Year	0.50	1998.80
7 <sup>th</sup> Year	0.50	1954.16
8 <sup>th</sup> Year	0.50	1954.16
9 <sup>th</sup> Year	0.50	1954.16
10 <sup>th</sup> Year	0.50	1954.34
11 <sup>th</sup> Year	0.50	1954.34
12 <sup>th</sup> Year	0.50	1954.34
<b>G. Total</b>		<b>201571</b>

#### **5. Technical details :-**

Technical details of Compensatory Afforestation Scheme are as follows :-

**ww) General Details :-Plantation will be in Forest Block Dokan, village Bhaghesar Protected forest area.**

**xx) Spacing :-4x4 mtrs. Plant to Plant in row.**

**yy) Species :-Neem, Ronjh, Churai and other local Species.**

**zz) Plantation Method :-The Proposed Plantation area will be protected by Ditch Fencing.**

**aaa) Soil and Moisture Conservation Works:- No**

**bbb) Protection:- Yes**

**ccc) Proposed Monitoring Mechanism :-Monitoring will be done by DCF Sikar.**

**ddd) Any other information:- No**

Divisional Forest Officer

उप वन संरक्षक

.....Forest Division



# Office of the Deputy Conservator of Forest, Sikar

DFL Scheme for 290 plants

Labour rate 225/-per day

1 Name of site	Diversion of 0.2586 ha. For Construction of Approach road (CH-0/00 To CH-531.60) block Dokan					
2 Range -	Bhaghesar					
3 Allotment Amount	201571 /-					
4 No. of Plants	290					
5 Area	0.50Ha.					
BSR ITEM	S.No.	Item of work	Unit	Quintity	Rate	Total
Advance work & Planting Year						
p/2.1.1	1	Survey of the area, demarcation & layout	Ha.	0.5	125.97	62.99
	2	Fencing of the area by digging Ditch fencing 1.2 m Deep, 1.5 m wide at top and 0.90 m wide at bottom including dressing (300 rmt x 1.44 cum)				
2.2.2.2		(1) Clayey loam soil	Cum	432	111.29	48077.28
	3	Purchase of 4-6 ft height shady plants	plants	319	70	22330.00
4.2.2	4	Digging of 290 pits size 0.45x(0.4+0.5/2)2	Pits	290	10.14	2940.60
6.7.4	5	Purchase of insecticide and fertilizers (110 plants)	Plants	290	0.48	139.20
p16/8.3.3.8 /8.3.4.8	6	Transportation of 300 plants from nursery to planting site Bag Size 20*40 5.21+(20.81x2)=46.83 5 km	Plants	319	46.83	14938.77
p9/4.2.1	7	Planting of 290 plants including refilling of pits	Pits	290	8.29	2404.10
p12/6.5.3.1/6.5.3.2	8	Watering (if sufficient rain are not there) & application of Insecticide in 290 plants at the time of planting and 6 times for 6 KM 6.29+5.00=11.29 (1+5 km)	Plants	1740	11.29	19644.60
p12/6.4.2	9	Making of crescent shaped mounds thanwla having 45 CM radius around plant clayely loam soil	Plants	290	6.97	2021.30
	10	Weeding and hoeing of 290 plants twice and five time hoeing including repairing of thavala				0
6.6.1.1	(a)	weeding and hoeing	Plants	580	3.49	2024.20
6.6.2	(b)	Hoeing	Plants	870	2.48	2157.60
	11	Unforseen expenditure	LS		LS	9703
		Total				126443.63
					Say	126444.00
Maintenance 1st Year						
	1	Purchase of 29 plants	Plants	29	70	2030.000
	2	Redigging of 29 pits size 0.45x(0.4+0.5/2)2 cum	Plants	29	5.07	147.03
	3	Purchase of insecticide and fertilizers (29 plants)	Plants	29	0.48	13.92



6.2.1.8 / 6.2.2.8	4	Transportation of 29 plants from nursery to planting size	Plants	29	46.83	1358.07
6.3.3.1.4	5	Planting of 29 plants including refilling of pits	Plants	29	8.29	240.41
6.5.3.1/6.5.3.2	6	Watering (if sufficient rain are not there) & application of insecticide in 29 plants) 6 KM 6.29+5.00=11.29 (1+5km)	Plants	29	11.29	327.41
6.5.3.1/6.5.3.2	6	Watering (if sufficient rain are not there) & application of insecticide in 290 plants at the time of planting and 5 times 6 KM 6.29+5.00=11.29 (1+5km)	Plants	1450	11.29	16370.50
6.4.2	7	Making of crescent shaped mounds thanwla having 45 CM radius around plant clayely loam soil	Plants	29	6.97	202.13
	8	Weeding and hoeing of 290 plants twice and repairing of thavala				0.00
6.6.1.1	(a)	weeding and hoeing 2 time	Plants	580	3.49	2024.20
6.6.2	(b)	Hoeing 3 time	Plants	870	2.48	2157.60
	10	Unforseen expenditure	LS		LS	0.00
		Total				24871.27
					Say	24871.00
Maintenance 2nd Year						
6.5.3.1/6.5.3.2	1	Watering (if sufficient rain are not there) & application of insecticide in 290 plants at 4 times (1160 plants) 6 KM 6.29+5.00=11.29 (1+5 km)	Plants	1160	11.29	13096.40
	2	Weeding and hoeing of 290 plants twice and three hoeing including repairing of thavala				
6.6.1.1	(a)	Weeding and hoeing	Plants	580	3.49	2024.20
6.6.2	(b)	Hoeing	Plants	870	2.48	2157.60
	3	Unforseen expenditure	LS		LS	0.00
		Total				17278.20
Maintenance 3rd Year						
6.5.3.1/6.5.3.2	1	Watering (if sufficient rain are not there) & application of insecticide in 275 plants at 4 times (1100 plants)	Plants	1100	11.29	12419.00
6.6.2	(a)	Hoeing	Plants	1100	2.48	2728.00
	3	Unforseen expenditure	LS		LS	100.23
		Total				15247.23
Maintenance 4th Year						
8.4.1	1	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	260	3.49	907.40
8.4.1.4	(b)	Between 6-8 m height	per tree	0	7.13	0.00
	2	Unforseen expenditure	LS		LS	1100.00
		Total				2007.40
Maintenance 5th Year						



8.4.1	1	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	125	3.49	436.25
8.4.1.4	(b)	Between 6-8 m height	per tree	135	7.13	962.55
	2	Unforeseen expenditure	LS		LS	600.00
		Total				1998.80
Maintenance 6th Year						
8.4.1	1	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	125	3.49	436.25
8.4.1.4	(b)	Between 6-8 m height	per tree	135	7.13	962.55
	2	Unforeseen expenditure	LS		LS	600.00
		Total				1998.80
Maintenance 7th Year						
8.4.1	1	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	232	7.13	1654.16
	2	Unforeseen expenditure	LS		LS	300.00
		Total				1954.16
Maintenance 8th Year						
8.4.1	2	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	232	7.13	1654.16
	3	Unforeseen expenditure	LS		LS	300.00
		Total				1954.16
Maintenance 9th Year						
8.4.1	2	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	232	7.13	1654.16
	3	Unforeseen expenditure	LS		LS	300.00
		Total				1954.16
Maintenance 10th Year						
8.4.1	1	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	218	7.13	1554.34
	2	Unforeseen expenditure	LS		LS	400.00
		Total				1954.34
Maintenance 11th Year						



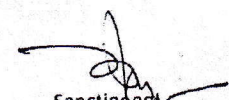
8.4.1	1	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	218	7.13	1554.34
	2	Unforseen expenditure	L S		L S	400.00
		Total				1954.34
Maintenance 12th Year						
8.4.1	1	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	218	7.13	1554.34
	2	Unforseen expenditure	L S		L S	400.00
		Total				1954.34

Rates are as per approved Department BSR

Year wise breakup	Amount
Advance work & Planting Year	126444.00
Maintenance 1st Year	24871.00
Maintenance 2nd Year	17278.20
Maintenance 3rd Year	15247.23
Maintenance 4th Year	2007.40
Maintenance 5th Year	1998.80
Maintenance 6th Year	1998.80
Maintenance 7th Year	1954.16
Maintenance 8th Year	1954.16
Maintenance 9th Year	1954.16
Maintenance 10th Year	1954.34
Maintenance 11th Year	1954.34
Maintenance 12th Year	1954.34
Grand Total	201570.93
Say	201571

  
Range forest officer

  
Assistant Accounts Officer  
Sikar

  
Sanctioned  
Deputy Conservator of Forest  
Sikar

Technically Checked  
Asst. Conservator of Forest  
Sikar