

Full Title of the Project: **construction of Gravel Road from Approach road Kishorpura to dhaniGhatipura km 0/00 to 0/950, at village-Kshorpura Tehsil-udaipurwati,distric-Jhunjhunu(Rajasthan)**

File No. : **FP/RJ/ROAD/148099/2021**

CHECK LIST SERIAL NUMBER: 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.4095 Ha. of forest area to be diverted for **construction of Gravel Road from Approach road Kishorpura to dhaniGhatipura km 0/00 to 0/950, at village-Kshorpura Tehsil-udaipurwati,distric-Jhunjhunu(Rajasthan).**

1. Details of degraded forest land :-

District :- **Jhunjhunu**

Village :- **Khoh**

Tehsil : **Udaipurwati**

Name of Forest Division:- **Jhunjhunu**

Range :- **Udaipurwati**

Block Name :- **Kankariya main**

Area to be afforested :- **0.25 Ha.**

2. Description of Area

I) Whether the site selected for Compensatory Afforestation is a land bank or not : - **NA**

II) If the CA site is other than the land bank, reasons be given : - **NA**

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 : - **NA**

V) Topography : - **NA**

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

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

VI) Whether the area is bearing any root stock of vegetation : - **NA**

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 for 100 plants:-

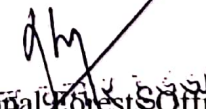
Year	Total
0 th Year	4786
1 st Year	6453
2 nd Year	2835
3 rd Year	2078
4 th Year	2078

5 th Year	2078
6 th Year	2078
7 th Year	2078
8 th Year	2078
9 th Year	2078
10 th Year	2078
11 th Year	2078
12 th Year	2078
Total	34854

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details :- Due to biotic factor forest vegetation in this area is long been absent so by afforestation will be done by nursery seedling.
- Spacing :- The spacing varies with species and in the same species with local conditions the spacing in this area will kept as 6mX6m means lines are 6 m apart and plants are 6 m apart.
- Species :- As per suitability of the species to the soil and moisture conditions of the proposed plantation area mainly indigenous species will preferred like Zizyphus species, chural, Dhaman grasses and ber seeds sowing will be done, ficus religious, prosopis cineraria, tecomella undulate, etc.
- Plantation Method :- Planting of seedling raised in nursery with a ball of nursery soil.
- Soil and Moisture Conservation Works :- Moisture conservation works as V-ditches will be dug out.
- Protection (Fencing, Watch man, People's Participation etc.) :- The Area is already fenced
- Proposed Monitoring Mechanism :- After plantation range forest officer, A.C.F. and D.C.F. will monitor the area to make plantation successful.
- Any other information :- With the help of EDC and forest staff planting and protection of activities will be carried out.


 Divisional Forest Officer
 Jhunjhunwala Forest Division
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COST ESTIMATE FOR COMPENSATORY AFFORESTATION ON DEGRADED FOREST LAND FOR 100 PLANTS

SITE NAME- KHOH NAKA

0 YEAR (ADVANCE ACTION)

S.No..	ITEM OF WORK	Qty	Rate	Amount
1	layout of pit	100	0.95	95
2	Digging of 100 pits 0.6*0.6*0.6 cum	100	26.91	2691
3	purchase of singnbords and fixing at side	1		2000
Total 0 year				4786
YEAR I (PLANTING YEAR)				
1	cost of purchasing 100 plants	100	5	500
2	Application of insecticide & fertilizers	100	0.98	98
3	Planting of 100 seedlings including Refilling of pits	100	9.52	952
4	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species.	100	7.81	781
5	Watering (if sufficient rains are not there) at the time of planting.	100	9.28	928
6	watering 100 plants 2 times	200	9.28	1856
7	Hoeing 100 plants 2 times	200	2.78	556
8	Weeding and hoeing of 100 plants in 2 time.	200	3.91	782
TOTAL YEAR 1				6453
FIRST YEAR MAINTENANCE (YEAR 2)				
1	purchase of plants casualty reoplacement	10	5	50
2	reseddlng in pits	10	9.52	95.2
3	watering in 100 plants 2 times	200	9.28	1856
4	Hoeing 100 plants 2 times	200	2.78	556
5	weeding andHoeing 100 plants 1 times	100	2.78	278
TOTAL YEAR 2				2835.2
SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)				
1	Thawala repair	50	1.6	80
2	pruning of plants up to 2.0 meter height	48	2.95	141.6
3	watering in 100 plants 2 times	200	9.28	1856
TOTAL YEAR 3.				2077.6

0Year			4786
First Year			6453
Second Year			2835
Third Year			2078
Fourth Year			2078
Fifth Year			2078
Sixth year			2078
Seventh year			2078
Eighth year			2078

Ninth Year			2078
Tenth Year			2078
Eleventh Year			2078
Twelfth Year			2078
TOTAL			34754

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उप वन संरक्षक,
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