

COST ESTIMATE FOR COMPENSATORY AFFORESTATION ON DEGRADED FOREST LAND FOR 100 PLANTS

Site Name - Indrapura Nursery

0 YEAR (ADVANCE ACTION)

S.No.		Qty	Rate	Amount
1	Digging of pits clay loam soil size:0.60X0.60X0.60 cum	100	27.66	2766
2	Repair & rising of existing old 4 Feet pucca wall	L S	L S	250,000
3	layout of V ditch 75 rmt	75	0.98	73.5
4	Making of V ditch 75 rmt in clay loam soil	75	22.56	1692
5	Purchase of signboards & fixing at site	1		1998
6	Repair of existing room for Cattlegard hut	LS	L S	100,000
	TOTAL YEAR			356529.50
7	Administrative charges 10%			35652.95
	TOTAL			392182.45

FRIST YEAR (PLANTING YEAR)

1	Cost of purchase 100 plants	100	20	2000
2	Application of insecticide and fertilisers	100	0.55	55
3	Planting of 100 seedlings in clay loam	100	12.22	1222
4	making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species.	100	8.02	802
5	watering (if sufficient rains are not there) in 100 plants at the time of planting. Form 3 KM	100	9.44	944
6	watering in 100 plants 2 times Form 3 KM	200	9.44	1888.0
7	Hoeing 100 Plants 2 times	200	2.85	570.0
8	Weeding and hoeing of 100 plants in 2 time.	200	4.02	804.0
	TOTAL YEAR 0			8285.0
9	Administrative charges 10%			828.5
	TOTAL			9113.5

SECOND YEAR (MAINTENANCE)

1	Maintemance of 10 Plants for casualty replacement	10	20	200
2	casualty replacement including redigging of pits, transportation , watering and application of insecticides	10	6.26	63
3	Planting (replacement .60*60*60*60 cum)in clay loam soil	10	12.22	122
4	watering 100 plants 2 times	200	9.44	1888
5	Hoeing 100 Plants 2 times	200	2.85	570
6	weeding and hoeing in 100 plants in pits 2 times	200	4.02	804
	TOTAL YEAR 1			3646.80
7	Administrative charges 10%			364.68
				4011.48

SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)

1	Thawala repair 50	50	1.65	82.50
2	prunning of pants between 2- 4 mtr. Height	48	3.04	145.92

3	watering 100 plants 2 times	200	9.44	1888
4	hoeing 100 Plants 2 times	200	2.85	570
	TOTAL YEAR 2			2686.42
8	Administrative Charges 10%			268.642
	TOTAL			2955.062

0Year			392183.00
First Year			9114.000
Second Year			4011.000
Third Year			2955.062
Fourth Year			2955.062
Fifth Year			2955.062
Sixth year			2955.062
Seventh year			2955.062
Eighth year			2955.062
Ninth Year			2955.062
Tenth Year			2955.062
Eleventh Year			2955.062
Twelfth Year			2955.062
TOTAL			434858.620

Deputy Conservator of Forests

राजेन्द्र कुमार
उप वन संरक्षक,
झुझुनू

Full Title of the Project: Underground OFC along PWD road within existing ROW from Udaipurwati - Kot from Lat/long point 27.70724°/ 75.47414° to 27.66962°/ 75.43614° for total length of 6.349 KM and forest area – 0.2857 ha(revised 0.06 hectare), within ROW Limits in Jhunjhunu District, Rajasthan.

Proposal No. : FP/RJ/ OFC/45025/2020

Date of Proposal: 14-05-2020

CHECK LIST SERIAL NUMBER: 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of **0.06 Ha.** underground OFC along PWD road from Udaipurwati - Kot Tehsil Udaipurwati, Division Jhunjhunu in Jhunjhunu District.

1. Details of degraded forest land :-

District :- **Jhunjhunu**

Village :- **Indrapura**

Tehsil : Udaipurwati

Name of Forest Division:- **Jhunjhunu**

Range :- **Udaipurwati**

Block Name :- Indrapura Nursery

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	392183.00
1 st Year	9114.00
2 nd Year	4011.00
3 rd Year	2955.062
4 th Year	2955.062
5 th Year	2955.062
6 th Year	2955.062
7 th Year	2955.062
8 th Year	2955.062

9 th Year	2955.062
10 th Year	2955.062
11 th Year	2955.062
12 th Year	2955.062
Total	434858.620

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 6m 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 Neem,Ber,Karanj,Shisham,seeds sowing will be done ficus religiosa,prosopis cineraria,tecomella undulata 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 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 VFPMC and forest staff planting and protection of activities will be carried out.

राजेन्द्र कुमार
Divisional Forests Officer
Jhunjhunu Forest Division
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