

**Deputy Conservator of Forest and Deputy Field Director, RTP-II, Karauli**  
**Tele-Fax-07464-297007 E-mail-dcfb.kroli.forest@rajasthan.gov.in**

Full Title of the Project: Laying underground OFC along road from Mandrayal to Ghari Ka Gaon to Kotalpur from Lat/Long 26.30437 / 77.231 to 26.01800/76.69551 for length of 72.518 Kms & area 3.263 ha in & outside of forest area in Karauli District. Total Length & area applied in Forest are 16.729 KM & 0.753 ha. respectively. For forest clearance. For the forest land diversion of 0.753 ha.

File No. : FP/RJ/OFC/150679/2021.

**SCHEME FOR COMPENSATORY AFFORESTATION**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.753 ha. of forest land to be diverted on this Project, District-Karauli.

Scheme for Compensatory Afforestation on DFL 03.15 ha. (1260 plants) 400 plants per hectare.

1)	Details of land	Degraded forest land for C.A. is situated in Beat No.37 Protected Forest Block Veeram ki guwadi Tehsil- Sapotra, District- Karauli
	Name of Forest division/ Range	DCF & Dy.FD, RTP-II Karauli/ Range Karanpur.
	Area to be afforestation	<u>03.15 ha.</u>
2)	Description of the area	
A	Whether the site selected for compensatory Afforestation is a land bank or not	Not Applicable
B	If the CA site is other than the land bank reasons be given	Not Applicable
C	In case of forest area identified for CA then what is the distance of C.A. site from the adjoining forest boundary.	Situated within Forest
D	Soil type	soil with bolder
E	Topography	
a)	Hilly/Undulating/Plain	Undulating
b)	Slope: Steep/Medium/Gentle	Medium
F	whether the area is bearing any root of vegetation	Yes, it consists Anogeissus pendula root stock.
3)	Plantation modules Copy of the approved Compensatory Afforestation Scheme / Model showing component	Enclosed Copy of estimate as approved model rate.

4. Schedule of plantation Programme on DFL -

A detail of year-wise break up of requirements of funds is as under

S No.	Year	Area in Ha.	Labour rate Rs 285/day	
			Model Rate	Amount
1	0 Year (Advance work)	03.15	104761.9048	330000
2	1 Year (planting year)	03.15	79365.07937	250000
3	2 Year (maintenance I <sup>st</sup> )	03.15	47619.04762	150000
4	3 Year (maintenance II <sup>nd</sup> )	03.15	34920.63492	110000
5	4 Year (maintenance III <sup>rd</sup> )	03.15	34920.63492	110000
6	5 Year (maintenance IV <sup>th</sup> )	03.15	34920.63492	110000
7	6 Year (maintenance V <sup>th</sup> )	03.15	34920.63492	110000
8	7 Year (maintenance VI <sup>th</sup> )	03.15	34920.63492	110000
9	8 Year (maintenance VII <sup>th</sup> )	03.15	34920.63492	110000
10	9 Year (maintenance VIII <sup>th</sup> )	03.15	34920.63492	110000
11	10 Year (maintenance IX <sup>th</sup> )	03.15	34920.63492	110000
12	11 Year (maintenance X <sup>th</sup> )	03.15	34920.63492	110000
13	12 Year (maintenance XI <sup>th</sup> )	03.15	34920.63492	110000
	<b>Total</b>	<b>03.15</b>	<b>580952.381</b>	<b>1830000</b>

Say Rs. 1830000/-

Total amount is Rs. **1830000/-** (Eighteen lacks and thirty thousand only)

**Technical Details :-** Technical details of Compensatory Afforestation Scheme over DFL are as follows:-

(II) General Details

(JJ) Spacing

(KK) Species

(LL) Plantation method:-

(MM) Soil and Moisture conservation works

(NN) Protection (fencing, watch man, People's Participation etc.)

(OO) Proposal Monitoring mechanism

(PP) Any other information

:- 400 plants per ha. proposed for plantation with soil moisture conservation works treatment.

:- Approx 5.00 mts X 5.00 mts.

:- Ronj, Ber, Kher, Kumatha, Aanwla, Neem, Arjun, Churel etc.

:- By manual pit digging and manual labour.

:- 300 rmt. Per ha.

:- Ditch/Loose stone wall fencing & watch man.

:- By Field staff, DFO and evaluation team of CCF and PCCF.

:- As per site condition 400 plants /ha. will be raised and other minor variations may be possible from approved model rate.

  
 ( Piyush Kumar Sharma )  
 DCF & Dy.FD RTP-II KARAU LI

# ESTIMAT

## कार्यालय क्षेत्रीय वन अधिकारी वन्य जीव रेंज करनपुर

NAME OF WORK :- PLANTATION C.A.-D.F.L.-II  
VANKHAND - VEERAMKI  
NAKA- ASHAKI  
VFPMC- EDC-NIBHERA  
BEAT NO.-37

WORK SITE - THAKUR BABA ASHAKI  
YEAR - 0 year  
BUDGET-3.30 lakh  
GPS- N-26°12'17.00"  
E-76°57'43.85"

S.N.	B.S.R. AITEM NO.	DETAIL WORK	UNIT	QUANTITY	RATE	LABOUR COST	MATERIAL COST	TOTAL COST
1.	2.1.1	Survey of the area, demarcation lay out	Ha.	3.15	96.25	303.19	-	303.19
2.	2.2.1	Stone wall fencing : random rubble loose stone fencing of size .60+.80/2x1.20 m						
	2.2.1.2	If lead is between 200 to 500 m = 540x.84 cum	Cum	453.60	439.89	199534.10	-	199534.10
3.	2.1.4	Lay out for trenches	Rmt.	600	0.66	396.00	-	396.00
4.	2.3.1	Digging of contour trenches of desired shape and size separating stones from dugup soil and making mound of the soil						
	2.3.1.	Hard soil up to 10% boulder Size 45x.45x600rmt.	Cum	121.50	167.06	20297.79	-	20297.79
4.	2.4	Digging of pits ( size .45x.45x.45						
	2.4.1.4	Hard soil between 10 to 30 % boulders	Pits	1260	17.27	21760.20	-	21760.20
5.	2.3.5.3	Constructin of eardhan bunds (includes of all voids )	cum	600	112.97	67782.00		67782.00
	2.3.5.3.2	Clay loam soil						
		Other expendacture gate and sign bord	-	-	-	-	-	19926.72
TOTAL								330000.00

प्रमाणित किया जाता है कि उक्त दरें विभागीय बी०एस०आर० सर्किल भरतपुर के अनुरूप है तथा श्रमिक दरें 285 रुपये प्रति दिन के अनुरूप है एवं प्राकलन मॉडल के अनुरूप किया गया है।

CALCULATION CHAKED BY

AAO

TECHNICALLY CHECKED BY

ACF

R.O.

R.O.KARANPUR

APPROVED BY

D.C.F

RTR II KAROULI

# ESTIMAT

## कार्यालय क्षेत्रीय वन अधिकारी वन्य जीव रेंज करनपुर

NAME OF WORK :- PLANTATION C.A.-D.F.L.-II  
VANKHAND - VEERAMKI  
NAKA- ASHAKI  
VFPMC- EDC-NIBHERA  
BEAT NO.-37

WORK SITE - THAKUR BABA ASHAKI  
YEAR - planting year  
BUDGET- 2.50 lakh  
GPS- N-26°12'17.00"  
E-76°57'43.85"

S.N.	B.S.R. AITEM NO.	WORK DETAIL	UNIT	QUANTITY	RATE	LABOUR COST	MATERIAL COST	TOTAL COST
1.		Purchasing of plants (including 10%extra)	plant	1386	44	-	60984.00	60984.00
2.	3.1. 3.1.5	Sowing/dibbling of seeds of grass /thorny trees species on the mound of contour trench and ditch fencing etc. At a spacing of 30cms.	Rmt.	1800	0.55	990.00	-	990.00
3.	3.1.4	Sowing of grass seeds by sprinkling & covering it in the areas which has already been ploughed.	Ha	01	283.14	-	283.14	283.14
4.	3.3 3.3.1,3.3.3, 3.3.4,3.3.5	Transportation of plants from nursery to planting site including loading and unloading (up to 50 km)	Plant	1386	4.90	-	6791.40	6791.40
5.	3.4.3 3.4.3.1	Planting (includes local transportation of plants, submerging the polypot in insecticide treated water, cutting and removing the polythene bag, refilling of pit after removing stones and pressing the soil around plants) in plain area.	plant	1260	7.15	9009.00	-	9009.00
6.	3.4.4 3.4.4.2	Making of crescent shaped thanvala, having 45 cm radius, around plants - planted or natural plants, giving inward slope for rain water harvesting. (a) Clay soil (planted plant)	plant	1260	8.58	10810.80	-	10810.80
		(b) Natural plant	plant	500	8.58	4290.00	-	4290.00
7.	3.5 3.5.1.1	Watering of plants using bucket/pipa/matka(15liters) road side plantations and flat areas up to 1 km. (2 times) 2x1260	plant	2520	4.73	11919.60	-	11919.60

8.	3.6.1 3.6.1.2	Weeding and hoeing of plants in plantations (in 45 cm radius and 15 cm depth ) In hard and bouldary soils of hilly terrain.(2 times) 2x1260	plant	2520	5.61	14137.20	-	14137.20
9.	3.6.2	Hoeing of plants after rains or watering-2 times (in 45 cm radius and 15 cm depth )	plant	2520	2.75	6930.00	-	6930.00
10.	3.6.4	Weeding and hoeing of seedling on mounds of trenches. ( in a strip of 60 cms)	RMT	600	4.84	2904.00	-	2904.00
11.	4.4.1	Pruning / branch cutting of natural plant (cutting of branches in lower 1/3 of the plant) up to 2 meters height	plant	300	2.31	693.00	-	693.00
12.	4.4.7	Cut back of stumps / culling bushes of dhok ,dhavada,ber etc.	stump	300	6.05	1815.00	-	1815.00
13.		Watch and ward for 12 months @285 per day	month	12	7410	88920.00	-	88920.00
14.		Miscellaneous and unforeseen expenditure.	-	-	-	-	-	29522.96
TOTAL								250000.00

प्रमाणित किया जाता है कि उक्त दरें विभागीय बी०एस०आर० सर्किल भरतपुर के अनुरूप हैं तथा श्रमिक दरें 285 रुपये प्रति दिन के अनुरूप हैं एवं प्राकलन मॉडल के अनुरूप किया गया है।

तकनीकी नोट :- यह कार्यस्थल वन्यजीव क्षेत्र का हिस्सा होने के कारण यहाँ पर पूर्व का प्राकृतिक पौधों का पुनरोत्पादन अच्छा होने के कारण वृक्षारोपण वर्ष में 300 पौधे प्रति हैक्टर खड़े खोदकर लगाया जाना मॉडल में प्रस्तावित है ,परन्तु इस कार्यस्थल पर प्राकृतिक पुनरोत्पादन एवं स्पेसिंग अधिक नहीं होने के कारण प्राकलन में अग्रिम मृदा वर्ष में खोदे गए 400 खड़े प्रति हैक्टर के अनुसार 1260 खड़ों में पौधारोपण किया जाना प्रस्तावित किया है ।

CALCULATION CHECKED BY

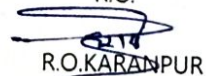
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TECHNICALLY CHECKED BY

ACF

R.O.

  
R.O.KARANPUR

APPROVED BY

  
D.C.F.

RTR II KAROULI

# ESTIMATE

## कार्यालय क्षेत्रीय वन अधिकारी वन्य जीव रेंज करनपुर

NAME OF WORK :- PLANTATION C.A.-D.F.L.-II  
VANKHAND - VEERAMKI  
NAKA- ASHAKI  
VFPMC- EDC-NIBHERA  
BEAT NO.-37

WORK SITE - THAKUR BABA ASHAKI  
YEAR - FIRST YEAR MAINTENANCE  
BUDGET- 1.50 lakh  
GPS- N-26°12'17.00"  
E-76°57'43.85"

S.N.	B.S.R. ITEM NO.	WORK DETAIL	UNIT	QUANTITY	RATE	LABOUR COST	MATERIAL COST	TOTAL COST
1.		Purchasing of plants (including 10%extra)	plant	126	44	-	5544.00	5544.00
2.	2.4.2 2.4.	Re digging of pits for casualty replacement ( size 45x.45x.45 Hard soil between 10 to 30 % boulders	Pits	126	8.25	1039.50	-	1039.50
3.	2.2.5	Repair of stone wall fencing.	cum	10	204.82	2048.20	-	2048.20
4.	3.3 3.3.1,3.3.3, 3.3.4,3.3.5	Transportation of plants from nursery to planting site including loading and unloading (up to 50 km)	Plant	126	4.90	-	617.40	617.40
5.	3.4.3 3.4.3.1	Planting (includes local transportation of plants , submerging the polypot in insecticide treated water ,cutting and removing the polythene bag ,refilling of pit after removing stones and pressing the soil around plants ) in plain area .	plant	126	7.15	900.90	-	900.90
6.	3.5 3.5.1.1	Watering of plants using bucket/pipa/matka(15liters) road side plantations and flat areas up to 1 km. (2 times)	plant	2520	4.73	11919.60	-	11919.60
7.	3.6.1 3.6.1.2	Weeding and hoeing of plants in plantations (in 45 cm radius and 15 cm depth ) In hard and bouldary soils of hilly terrain.(2 times)	plant	2520	5.61	14137.20	-	14137.20
8.	3.6.2	Hoeing of plants after rains or watering-2 times (in 45 cm radius and 15 cm depth )	plant	2520	2.75	6930.00	-	6930.00

9.	3.6.4	Weeding and hoeing of seedling on mounds of trenches. ( in a strip of 60 cms)	RMT	600	4.84	2904.00	-	2904.00
10.		Watch and ward for 12 months @285 per day	month	12	7410	88920.00	-	88920.00
11.		Miscellaneous and unforeseen expenditure.	-	-	-	-	-	15039.20
TOTAL								150000.00

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## ESTIMAT

### कार्यालय क्षेत्रीय वन अधिकारी वन्य जीव रेंज करनपुर

NAME OF WORK :- PLANTATION C.A.-D.F.L-II  
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BEAT NO.-37

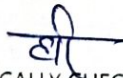
WORK SITE - THAKUR BABA ASHAKI  
YEAR - SECOND YEAR MAINTENANCE TO ELEVEN  
BUDGET-1.10 lakh YEAR MAINTEN.  
GPS- N-26°12'17.00"  
E-76°57'43.85"

S.N.	B.S.R. AITEM NO.	DETAIL WORK	UNIT	QUANTITY	RATE	LABOUR COST	MATERIAL COST	TOTAL COST
1.	2.2.5	Repair of stone wall fencing.	cum	10	204.82	2048.20	-	2048.20
2.	3.5 3.5.1.1	Watering of plants using bucket/pipa/matka(15liters) road side plantations and flat areas up to 1 km. (1times)	plant	1260	4.73	5959.80	-	5959.80
3.	3.6.2	Hoeing of plants after rains or watering-1 times (in 45 cm radius and 15 cm depth )	plant	1260	2.75	3465.00	-	3465.00
4.		Watch and ward for 12 months @285 per day	month	12	7410	88920.00	-	88920.00
5.		Miscellaneous and unforeseen expenditure.	-	-	-	-	-	9607.00
TOTAL								110000.00

प्रमाणित किया जाता है कि उक्त दरें विभागीय बी०एस०आर० सर्किल भरतपुर के अनुरूप है तथा श्रमिक दरें 285 रुपये प्रति दिन के अनुरूप है एवं प्राकलन मॉडल के अनुरूप किया गया है।

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RTR II KAROULI

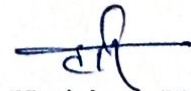
Full Title of the Project: Laying underground OFC along road from Mandrayal to Ghari Ka Gaon to Kutalpur from Lat/Long 26.30437 / 77.231 to 26.01800/ 76.69551 for length of 72.518 Kms & area 3.263 ha in & outside of forest area in Karauli District. Total Length & area applied in Forest are 16.729 KM & 0.753 ha respectively. For forest clearance. For the forest land diversion of 0.753 ha.

File No. : FP/RJ/OFC/150679/2021.

**TECHNICAL NOTE REGARDING TO CA ON DFL**

वन भूमि पर क्षतिपूर्ति वृक्षारोपण हेतु वृक्षारोपण वर्ष में विभागीय मॉडल अनुसार 300 पौधे प्रति हेक्टेयर खड्डे खोदकर लगाया जाना प्रस्तावित होता है, परन्तु क्षतिपूर्ति वृक्षारोपण हेतु चिन्हित 3.15 हेक्टेयर क्षेत्र वनखंड वीरम की गुवाड़ी, रेंज करणपुर, बीट नंबर 37 का कार्यस्थल केवल 400 पौधे प्रति हेक्टेयर वृक्षारोपण के ही उपयुक्त है। उक्त वन्यजीव क्षेत्र का हिस्सा होने तथा पूर्व का प्राकृतिक पौधों का पुनरोत्पादन अच्छा होने के कारण विभागीय मॉडल अनुरूप वृक्षारोपण वर्ष में अतिरिक्त 300 पौधे नहीं लगाए जाकर प्राक्कलन में अग्रिम मृदा वर्ष में ही खोदे गए 400 खड्डे प्रति हेक्टेयर अनुसार, इस प्रस्ताव से प्रभावित होने वाले 126 पेड़ों का 10 गुना 1260 पौधों का वृक्षारोपण किया जाना प्रस्तावित किया गया है जो तकनीकी रूप से सही पाया गया है।

Place: Karauli  
Date: 27.03.2025

(Signature)   
Name: Harisingh Hada  
Designation: ACF Wildlife Karauli.  
Office of the DCF&Dy.FD RTP II  
Karauli.